



April 7, 2025

SnapNrack
775 Fiero Lane, Ste. 200
San Luis Obispo, CA 93401

Attn.: SnapNrack - Engineering Department

Re: Engineering Certification for the SnapNrack TopSpeed Universal Rail-less System (2025-02168)

PZSE, Inc. - Structural Engineers has reviewed SnapNrack's TopSpeed Universal System and UL 2703 based testing performance of the complete system including mounts, splice elements and PV Panels. All information, data and analysis contained within the SnapNrack TopSpeed Universal mount spacing tables are based on, and comply with the following codes:

1. Minimum Design Loads for Buildings and other Structures, ASCE/SEI 7-10, 7-16 and 7-22.
2. 2015-2024 International Building Code, by International Code Council, Inc.
3. 2005-2024 International Residential Code, by International Code Council, Inc.
4. AC428, Acceptance Criteria for Modular Framing Systems Used to Support Photovoltaic (PV) Panels, November 1, 2012 by ICC-ES
5. 2018 National Design Specification for Wood Construction (NDS), by the American Wood Council

Following are typical specifications to meet the above code requirements:

| | |
|----------------------------|---|
| Design Criteria: | Ground Snow Load = 0 - 90 (psf) Basic Wind Speed = 105 - 180 (mph) Roof Mean Height = 0 - 60 (ft) Roof Pitch = 0 - 90 (degrees) Exposure Category = B, C & D |
| Attachment Spacing: | See attached TopSpeed Universal System Spacing Tables. |
| Cantilever: | Maximum cantilever length is $L/3$, where "L" is the spacing noted in the Spacing Tables, provided there is at least 1 module length between maximum cantilevers. Detail SNR-DC-00362. |
| Clearance: | 2" to 10" clear from top of roof to top of PV panel. |
| Tolerance(s): | 1.0" tolerance for any specified dimension in this report is allowed for installation. |



Installation Orientation:

Landscape - PV Panel long dimension is parallel to ridge/eave line of roof and the PV panel is mounted on the long side.

Portrait - PV Panel short dimension is parallel to ridge/eave line of roof and the PV panel is mounted on the short side.

TopSpeed Universal System Spacing Tables assume maximum panel dimensions:

Solar Panel 1 - 68"x45"

Solar Panel 2 - 76"x42"

Solar Panel 3 - 90"x45"

Irregular Array Geometry:

Irregular Array Geometries such as those with staggered rows may require additional mounts to support the irregular module cantilevers. To reduce the amount of roof penetrations for such array geometries, SnapNrack's TopSpeed Universal Link is permitted for use only when adhering to all the following guidelines:

- 1) When linking panels in the same row, a Universal Link(s) shall occur within 1" - 6" from the nearest adjacent Module Panel Edge.
- 2) Roof Attachment spacing's (Universal System Spacing Tables) shall not be exceeded with the use of Universal Link(s).
- 3) In any case, Maximum of (2) roof attachments per Module may be replaced with the utilization of Universal Link(s).

Detail SNR-DC-00368.

Components and Cladding Roof Zones:

The Edge Zones of the roof shall be determined based on the building's least horizontal dimension (LHD). The Edge Zone, "a", is equal to 10% of the LHD ($a = 0.1 * \text{LHD}$) where "a" shall not be taken as less than 3 feet. For this packet, we assume building LHD less than 60 feet. For greater values, further analysis may be required to determine proper Edge Zones. The tables envelope ASCE version(s) 7-10, 7-16 & 7-22 and use the most conservative coefficient(s) for each zone. Refer to the ASCE 7 version adopted by the project AHJ for zone locations as they shift between each version.

Edge and Corner Zone spacings (Zone 2 & 3, respectively) apply only to mounts located in those Zones, not to all the mounts supporting the module.

Notes:

- 1) Topographic factor, k_{zt} is 1.0.
- 2) $Y_E = 1.5$ (ASCE 7-16/7-22 Section 29.4.4)
- 3) Average parapet height is 0.0 ft.
- 4) Attachment spacing(s) apply to a seismic design category E or less.

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Experience | Integrity | Empowerment



Structural Details

| Part Number: | Description: |
|---------------|--|
| SNR-DC-00362 | System Overview, Flashtrack on Comp. |
| SNR-DC-00363 | Component Detail, Mount |
| SNR-DC-00364 | Component Detail, Link |
| SNR-DC-00365 | System Detail, Skirt and Skirt Spacer |
| SNR-DC-00366 | System Detail, Deck Mount |
| SNR-DC-00367 | System Detail, Ridge Mount |
| SNR-DC-00368 | System Overview, Staggered Arrays |
| SNR-DC-00369 | Attachment Detail, Flashtrack on Comp. |
| SNR-DC-001184 | SpeedSeal Track |
| SNR-DC-00486 | AlphaTrack |
| SNR-DC-00486 | DeltaTrack |

Design Responsibility:

These tables are intended to be used under the responsible charge of a registered design professional where required by the authority having jurisdiction. In all cases, these tables should be used under the direction of a design professional with sufficient structural engineering knowledge and experience to be able to:

- Evaluate whether these tables are applicable to the project, and
- Understand and determine the appropriate values for all input parameters of these tables.

This letter certifies that the SnapNrack TopSpeed Universal Rail-less System, when installed according to the limitations of this letter and the attached spacing tables, is in compliance with the above codes and loading criteria. This certification excludes evaluation of the building structure to support the loads imposed on the building by the array; including, but not limited to: strength and deflection of structural framing members, fastening and/or strength of roofing materials, and/or the effects of snow accumulation on the roof. This requires additional knowledge of the building and is outside the scope of the certification of this racking system.

If you have any questions on the above, do not hesitate to call.

Prepared by:
PZSE, Inc. – Structural Engineers
Roseville, CA

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Landscape] [0-30 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------------------|-----------------------|-----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 0 PSF | B | $\theta < 7$ | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | $7 < \theta \leq 20$ | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | $20 < \theta \leq 27$ | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | $27 < \theta \leq 45$ | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | C | $45 < \theta \leq 90$ | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 |
| | | $\theta < 7$ | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | $7 < \theta \leq 20$ | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | $20 < \theta \leq 27$ | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | D | $27 < \theta \leq 45$ | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | | $45 < \theta \leq 90$ | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 |
| | | $\theta < 7$ | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| | $20 < \theta \leq 27$ | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| | $27 < \theta \leq 45$ | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| | $45 < \theta \leq 90$ | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | |
| | 10 PSF | B | $\theta < 7$ | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 |
| $7 < \theta \leq 20$ | | | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| $20 < \theta \leq 27$ | | | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| $27 < \theta \leq 45$ | | | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| C | | $45 < \theta \leq 90$ | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 |
| | | $\theta < 7$ | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | $7 < \theta \leq 20$ | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | $20 < \theta \leq 27$ | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| D | | $27 < \theta \leq 45$ | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | | $45 < \theta \leq 90$ | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 |
| | | $\theta < 7$ | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| | $20 < \theta \leq 27$ | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| | $27 < \theta \leq 45$ | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| | $45 < \theta \leq 90$ | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | |
| | 20 PSF | B | $\theta < 7$ | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 |
| $7 < \theta \leq 20$ | | | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| $20 < \theta \leq 27$ | | | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| $27 < \theta \leq 45$ | | | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| C | | $45 < \theta \leq 90$ | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 |
| | | $\theta < 7$ | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | $7 < \theta \leq 20$ | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | $20 < \theta \leq 27$ | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| D | | $27 < \theta \leq 45$ | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | | $45 < \theta \leq 90$ | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 |
| | | $\theta < 7$ | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| | $20 < \theta \leq 27$ | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| | $27 < \theta \leq 45$ | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| | $45 < \theta \leq 90$ | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | |
| | 25 PSF | B | $\theta < 7$ | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 |
| $7 < \theta \leq 20$ | | | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| $20 < \theta \leq 27$ | | | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| $27 < \theta \leq 45$ | | | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| C | | $45 < \theta \leq 90$ | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 |
| | | $\theta < 7$ | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | $7 < \theta \leq 20$ | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | $20 < \theta \leq 27$ | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| D | | $27 < \theta \leq 45$ | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | | $45 < \theta \leq 90$ | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 |
| | | $\theta < 7$ | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
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| | $45 < \theta \leq 90$ | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | |

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [0-30 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 35 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 65 / 65 / 64 | 65 / 65 / 58 | 65 / 65 / 53 | 65 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 40 PSF | B | θ < 7 | 65 / 65 / 50 | 65 / 65 / 45 | 65 / 59 / 41 | 65 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 68 / 54 / 44 | 68 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 70 / 53 / 47 | 69 / 49 / 43 | 66 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 58 / 58 / 58 | 58 / 58 / 58 | 58 / 58 / 53 | 58 / 58 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 65 | 65 | 65 | 65 | 65 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 65 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 45 / 40 | 66 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 58 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 65 | 65 | 65 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 64 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 65 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 50 PSF | B | θ < 7 | 53 / 53 / 50 | 53 / 53 / 45 | 53 / 53 / 41 | 53 / 53 / 38 | 53 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 55 / 54 / 44 | 55 / 49 / 40 | 55 / 44 / 36 | 55 / 40 / 33 | 53 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 20 < θ ≤ 27 | 58 / 58 / 57 | 58 / 58 / 52 | 58 / 53 / 47 | 58 / 49 / 43 | 57 / 41 / 37 | 54 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 41 | 47 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 48 | 38 | |
| | C | θ < 7 | 53 / 50 / 35 | 53 / 45 / 32 | 53 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 55 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 58 / 45 / 40 | 57 / 41 / 37 | 55 / 38 / 33 | 54 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 47 / 47 / 45 | 47 / 47 / 41 | 47 / 47 / 37 | 47 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 55 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 53 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 56 / 38 / 34 | 54 / 35 / 31 | 53 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 47 / 38 | 47 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 55 | 55 | 55 | 52 | 44 | 38 | 33 | 29 | 22 | | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [30-60 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 0 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 45 / 25 | 44 / 32 / 23 | 38 / 35 / 19 | 32 / 41 / 17 | 28 / 72 / NA | 24 / 32 / NA | 19 / 37 / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 10 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 20 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 25 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [30-60 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 35 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 65 / 65 / 52 | 65 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 40 PSF | B | θ < 7 | 65 / 58 / 41 | 65 / 52 / 37 | 65 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 70 / 53 / 47 | 68 / 48 / 42 | 67 / 44 / 39 | 65 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 58 / 58 / 52 | 58 / 58 / 47 | 58 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 65 | 65 | 65 | 65 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 65 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 65 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 50 PSF | B | θ < 7 | 53 / 53 / 41 | 53 / 52 / 37 | 53 / 48 / 34 | 53 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 55 / 44 / 36 | 55 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 58 / 53 / 47 | 58 / 48 / 42 | 58 / 44 / 39 | 56 / 40 / 35 | 54 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 43 | 47 / 47 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 55 | 55 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 53 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 56 / 39 / 35 | 55 / 35 / 32 | 53 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 47 / 47 / 39 | 47 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 54 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 55 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
[Landscape] [30-60 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 60 PSF | B | θ < 7 | 44 / 44 / 41 | 44 / 44 / 37 | 44 / 44 / 34 | 44 / 44 / 31 | 44 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 47 / 44 / 36 | 47 / 40 / 33 | 47 / 36 / 30 | 47 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 49 / 49 / 47 | 49 / 48 / 42 | 49 / 44 / 39 | 49 / 40 / 35 | 48 / 34 / 30 | 46 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | | 45 < θ ≤ 90 | 47 | 47 | 47 | 47 | 47 | 47 | 45 | 39 | 31 |
| | C | θ < 7 | 44 / 43 / 30 | 44 / 39 / 27 | 44 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 47 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 49 / 39 / 35 | 48 / 35 / 32 | 47 / 32 / 29 | 46 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 40 / 40 / 39 | 40 / 40 / 35 | 40 / 40 / 32 | 40 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | 45 < θ ≤ 90 | 47 | 47 | 47 | 47 | 45 | 39 | 34 | 29 | 23 |
| | D | θ < 7 | 44 / 37 / 26 | 44 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 48 / 33 / 30 | 46 / 30 / 27 | 45 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 40 / 40 / 33 | 40 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 47 | 47 | 47 | 46 | 39 | 33 | 29 | 25 | 20 | |
| 70 PSF | B | θ < 7 | 38 / 38 / 38 | 38 / 38 / 37 | 38 / 38 / 34 | 38 / 38 / 31 | 38 / 37 / 26 | 38 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 40 / 40 / 36 | 40 / 40 / 33 | 40 / 36 / 30 | 40 / 33 / 27 | 40 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 43 / 43 / 43 | 43 / 43 / 42 | 43 / 43 / 39 | 43 / 40 / 35 | 43 / 34 / 30 | 41 / 29 / 26 | 40 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 33 | 35 / 35 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | | 45 < θ ≤ 90 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 39 | 31 |
| | C | θ < 7 | 38 / 38 / 30 | 38 / 38 / 27 | 38 / 35 / 25 | 38 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 40 / 32 / 27 | 40 / 29 / 24 | 40 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 43 / 39 / 35 | 43 / 35 / 32 | 42 / 32 / 29 | 41 / 30 / 26 | 40 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 32 | 35 / 35 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | 45 < θ ≤ 90 | 41 | 41 | 41 | 41 | 41 | 39 | 34 | 29 | 23 |
| | D | θ < 7 | 38 / 37 / 26 | 38 / 33 / 24 | 38 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 40 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 43 / 33 / 30 | 42 / 30 / 27 | 41 / 28 / 25 | 40 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 35 / 35 / 33 | 35 / 35 / 30 | 35 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 41 | 41 | 41 | 41 | 39 | 33 | 29 | 25 | 20 | |
| 80 PSF | B | θ < 7 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 31 | 34 / 34 / 26 | 34 / 32 / 22 | 34 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 36 / 36 / 36 | 36 / 36 / 33 | 36 / 36 / 30 | 36 / 33 / 27 | 36 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 35 | 37 / 34 / 30 | 37 / 29 / 26 | 36 / 25 / 22 | 35 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 29 | 31 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | | 45 < θ ≤ 90 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 31 |
| | C | θ < 7 | 34 / 34 / 30 | 34 / 34 / 27 | 34 / 34 / 25 | 34 / 32 / 23 | 34 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 36 / 32 / 27 | 36 / 29 / 24 | 36 / 27 / 22 | 36 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 37 / 37 / 35 | 37 / 35 / 32 | 37 / 32 / 29 | 37 / 30 / 26 | 36 / 25 / 22 | 35 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 29 | 31 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | 45 < θ ≤ 90 | 37 | 37 | 37 | 37 | 37 | 37 | 34 | 29 | 23 |
| | D | θ < 7 | 34 / 34 / 26 | 34 / 33 / 24 | 34 / 30 / 21 | 34 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 36 / 28 / 23 | 36 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 37 / 33 / 30 | 37 / 30 / 27 | 37 / 28 / 25 | 36 / 25 / 23 | 35 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 31 / 31 / 31 | 31 / 31 / 30 | 31 / 31 / 28 | 31 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 37 | 37 | 37 | 37 | 37 | 33 | 29 | 25 | 20 | |
| 90 PSF | B | θ < 7 | 30 / 30 / 30 | 30 / 30 / 30 | 30 / 30 / 30 | 30 / 30 / 30 | 30 / 30 / 26 | 30 / 30 / 22 | 30 / 27 / 19 | 30 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 30 | 32 / 32 / 27 | 32 / 28 / 23 | 32 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 30 | 33 / 29 / 26 | 33 / 25 / 22 | 32 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 25 | 27 / 27 / 22 | 24 / 21 / 17 |
| | | 45 < θ ≤ 90 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 31 |
| | C | θ < 7 | 30 / 30 / 30 | 30 / 30 / 27 | 30 / 30 / 25 | 30 / 30 / 23 | 30 / 27 / 19 | 30 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 32 / 32 / 27 | 32 / 29 / 24 | 32 / 27 / 22 | 32 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 33 / 33 / 33 | 33 / 33 / 32 | 33 / 32 / 29 | 33 / 30 / 26 | 33 / 25 / 22 | 32 / 21 / 19 | 31 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 25 | 27 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | 45 < θ ≤ 90 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 29 | 23 |
| | D | θ < 7 | 30 / 30 / 26 | 30 / 30 / 24 | 30 / 30 / 21 | 30 / 28 / 20 | 30 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 32 / 28 / 23 | 32 / 25 / 21 | 32 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 33 / 33 / 30 | 33 / 30 / 27 | 33 / 28 / 25 | 33 / 25 / 23 | 32 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 25 | 27 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 33 | 33 | 33 | 33 | 33 | 33 | 29 | 25 | 20 | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Portrait] [0-30 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 48 / 47 / 33 | 48 / 43 / 30 | 48 / 39 / 27 | 48 / 35 / 25 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 26 / 19 / NA | 21 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 35 / 29 | 48 / 32 / 26 | 45 / 29 / 24 | 41 / 27 / 22 | 34 / 22 / 19 | 29 / 19 / 16 | 25 / 17 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 48 / 43 / 38 | 48 / 39 / 34 | 48 / 35 / 31 | 48 / 32 / 29 | 47 / 27 / 24 | 40 / 23 / 21 | 34 / 20 / 18 | 30 / 18 / 16 | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 48 / 48 / 42 | 48 / 48 / 38 | 48 / 44 / 35 | 45 / 40 / 32 | 38 / 34 / 27 | 33 / 29 / 23 | 28 / 25 / 20 | 25 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 48 | 48 | 48 | 48 | 48 | 42 | 36 | 32 | 25 |
| | C | θ < 7 | 45 / 33 / 23 | 41 / 30 / 21 | 37 / 27 / 19 | 34 / 25 / 17 | 29 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 38 / 25 / 20 | 34 / 22 / 18 | 31 / 20 / 17 | 29 / 19 / NA | 24 / 16 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 48 / 30 / 27 | 47 / 27 / 24 | 42 / 25 / 22 | 39 / 23 / 20 | 33 / 19 / 17 | 28 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 42 / 37 / 30 | 38 / 34 / 27 | 35 / 31 / 24 | 32 / 28 / 22 | 27 / 24 / 19 | 23 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 48 | 48 | 44 | 41 | 34 | 29 | 26 | 22 | 17 |
| | D | θ < 7 | 38 / 27 / 23 | 34 / 25 / 21 | 31 / 23 / 16 | 28 / 21 / NA | 24 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 32 / 21 / 17 | 29 / 19 / NA | 26 / 17 / NA | 24 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 43 / 25 / 22 | 39 / 23 / 20 | 35 / 21 / 18 | 32 / 19 / 17 | 27 / 16 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 35 / 31 / 25 | 32 / 28 / 23 | 29 / 26 / 21 | 26 / 24 / 19 | 22 / 20 / 16 | 19 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 45 | 41 | 37 | 34 | 29 | 25 | 21 | 19 | NA |
| 35 PSF | B | θ < 7 | 48 / 47 / 33 | 48 / 43 / 30 | 48 / 39 / 27 | 48 / 35 / 25 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 26 / 19 / NA | 21 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 35 / 29 | 48 / 32 / 26 | 45 / 29 / 24 | 41 / 27 / 22 | 34 / 22 / 19 | 29 / 19 / 16 | 25 / 17 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 48 / 43 / 38 | 48 / 39 / 34 | 48 / 35 / 31 | 48 / 32 / 29 | 47 / 27 / 24 | 40 / 23 / 21 | 34 / 20 / 18 | 30 / 18 / 16 | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 43 / 43 / 42 | 43 / 43 / 38 | 43 / 43 / 35 | 43 / 40 / 32 | 38 / 34 / 27 | 33 / 29 / 23 | 28 / 25 / 20 | 25 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 48 | 48 | 48 | 48 | 48 | 42 | 36 | 32 | 25 |
| | C | θ < 7 | 45 / 33 / 23 | 41 / 30 / 21 | 37 / 27 / 19 | 34 / 25 / 17 | 29 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 33 / 23 | 41 / 30 / 21 | 37 / 27 / 19 | 34 / 25 / 17 | 29 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 48 / 30 / 27 | 47 / 27 / 24 | 42 / 25 / 22 | 39 / 23 / 20 | 33 / 19 / 17 | 28 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 42 / 37 / 30 | 38 / 34 / 27 | 35 / 31 / 24 | 32 / 28 / 22 | 27 / 24 / 19 | 23 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 48 | 48 | 44 | 41 | 34 | 29 | 26 | 22 | 17 |
| | D | θ < 7 | 38 / 27 / 23 | 34 / 25 / 21 | 31 / 23 / 16 | 28 / 21 / NA | 24 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 32 / 21 / 17 | 29 / 19 / NA | 26 / 17 / NA | 24 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 43 / 25 / 22 | 39 / 23 / 20 | 35 / 21 / 18 | 32 / 19 / 17 | 27 / 16 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 35 / 31 / 25 | 32 / 28 / 23 | 29 / 26 / 21 | 26 / 24 / 19 | 22 / 20 / 16 | 19 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 45 | 41 | 37 | 34 | 29 | 25 | 21 | 19 | NA |
| 40 PSF | B | θ < 7 | 43 / 43 / 33 | 43 / 43 / 30 | 43 / 39 / 27 | 43 / 35 / 25 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 26 / 19 / NA | 21 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 35 / 29 | 45 / 32 / 26 | 45 / 29 / 24 | 41 / 27 / 22 | 34 / 22 / 19 | 29 / 19 / 16 | 25 / 17 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 47 / 43 / 38 | 47 / 39 / 34 | 46 / 35 / 31 | 45 / 32 / 29 | 43 / 27 / 24 | 40 / 23 / 21 | 34 / 20 / 18 | 30 / 18 / 16 | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 38 / 38 / 38 | 38 / 38 / 38 | 38 / 38 / 35 | 38 / 38 / 32 | 38 / 34 / 27 | 33 / 29 / 23 | 28 / 25 / 20 | 25 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 43 | 43 | 43 | 43 | 43 | 42 | 36 | 32 | 25 |
| | C | θ < 7 | 43 / 33 / 23 | 41 / 30 / 21 | 37 / 27 / 19 | 34 / 25 / 17 | 29 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 38 / 25 / 20 | 34 / 22 / 18 | 31 / 20 / 17 | 29 / 19 / NA | 24 / 16 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 44 / 30 / 27 | 43 / 27 / 24 | 42 / 25 / 22 | 39 / 23 / 20 | 33 / 19 / 17 | 28 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 38 / 37 / 30 | 38 / 34 / 27 | 35 / 31 / 24 | 32 / 28 / 22 | 27 / 24 / 19 | 23 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 43 | 43 | 43 | 41 | 34 | 29 | 26 | 22 | 17 |
| | D | θ < 7 | 38 / 27 / 23 | 34 / 25 / 21 | 31 / 23 / 16 | 28 / 21 / NA | 24 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 32 / 21 / 17 | 29 / 19 / NA | 26 / 17 / NA | 24 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 42 / 25 / 22 | 39 / 23 / 20 | 35 / 21 / 18 | 32 / 19 / 17 | 27 / 16 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 35 / 31 / 25 | 32 / 28 / 23 | 29 / 26 / 21 | 26 / 24 / 19 | 22 / 20 / 16 | 19 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 43 | 41 | 37 | 34 | 29 | 25 | 21 | 19 | NA |
| 50 PSF | B | θ < 7 | 35 / 35 / 33 | 35 / 35 / 30 | 35 / 35 / 27 | 35 / 35 / 25 | 35 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 26 / 19 / NA | 21 / NA / NA |
| | | 7 < θ ≤ 20 | 37 / 35 / 29 | 37 / 32 / 26 | 37 / 29 / 24 | 37 / 27 / 22 | 34 / 22 / 19 | 29 / 19 / 16 | 25 / 17 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 38 / 38 / 38 | 38 / 38 / 34 | 38 / 35 / 31 | 38 / 32 / 29 | 37 / 27 / 24 | 36 / 23 / 21 | 34 / 20 / 18 | 30 / 18 / 16 | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 27 | 31 / 29 / 23 | 28 / 25 / 20 | 25 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 32 | 25 |
| | C | θ < 7 | 35 / 33 / 23 | 35 / 30 / 21 | 35 / 27 / 19 | 34 / 25 / 17 | 29 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 37 / 25 / 20 | 34 / 22 / 18 | 31 / 20 / 17 | 29 / 19 / NA | 24 / 16 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 38 / 30 / 27 | 37 / 27 / 24 | 36 / 25 / 22 | 36 / 23 / 20 | 33 / 19 / 17 | 28 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 31 / 31 / 30 | 31 / 31 / 27 | 31 / 31 / 24 | 31 / 28 / 22 | 27 / 24 / 19 | 23 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 36 | 34 | 29 | 26 | 22 | 17 |
| | D | θ < 7 | 35 / 27 / 23 | 34 / 25 / 21 | 31 / 23 / 16 | 28 / 21 / NA | 24 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 32 / 21 / 17 | 29 / 19 / NA | 26 / 17 / NA | 24 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 37 / 25 / 22 | 36 / 23 / 20 | 35 / 21 / 18 | 32 / 19 / 17 | 27 / 16 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 31 / 31 / 25 | 31 / 28 / 23 | 29 / 26 / 21 | 26 / 24 / 19 | 22 / 20 / 16 | 19 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 34 | 29 | 25 | 21 | 19 | NA |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Portrait] [0-30 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 60 PSF | B | θ < 7 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 27 | 29 / 29 / 25 | 29 / 29 / 21 | 29 / 25 / 18 | 29 / 22 / 16 | 26 / 19 / NA | 21 / NA / NA |
| | | 7 < θ ≤ 20 | 31 / 31 / 29 | 31 / 31 / 26 | 31 / 29 / 24 | 31 / 27 / 22 | 31 / 22 / 19 | 29 / 19 / 16 | 25 / 17 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 31 | 32 / 32 / 29 | 32 / 27 / 24 | 32 / 23 / 21 | 31 / 20 / 18 | 29 / 18 / 16 | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 23 | 26 / 25 / 20 | 25 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 25 |
| | C | θ < 7 | 29 / 29 / 23 | 29 / 29 / 21 | 29 / 27 / 19 | 29 / 25 / 17 | 29 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 31 / 25 / 20 | 31 / 22 / 18 | 31 / 20 / 17 | 29 / 19 / NA | 24 / 16 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 32 / 30 / 27 | 32 / 27 / 24 | 32 / 25 / 22 | 32 / 23 / 20 | 30 / 19 / 17 | 28 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 24 | 26 / 26 / 22 | 26 / 24 / 19 | 23 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 31 | 31 | 31 | 31 | 31 | 29 | 26 | 22 | 17 |
| | D | θ < 7 | 29 / 27 / 23 | 29 / 25 / 21 | 29 / 23 / 16 | 28 / 21 / NA | 24 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 31 / 21 / 17 | 29 / 19 / NA | 26 / 17 / NA | 24 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 32 / 25 / 22 | 32 / 23 / 20 | 31 / 21 / 18 | 30 / 19 / 17 | 27 / 16 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 26 / 26 / 25 | 26 / 26 / 23 | 26 / 26 / 21 | 26 / 24 / 19 | 22 / 20 / 16 | 19 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 31 | 31 | 31 | 31 | 29 | 25 | 21 | 19 | NA |
| 70 PSF | B | θ < 7 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 21 | 25 / 25 / 18 | 25 / 22 / 16 | 25 / 19 / NA | 21 / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 27 / 27 | 27 / 27 / 26 | 27 / 27 / 24 | 27 / 27 / 22 | 27 / 22 / 19 | 27 / 19 / 16 | 25 / 17 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 28 / 28 / 28 | 28 / 28 / 28 | 28 / 28 / 28 | 28 / 28 / 28 | 28 / 27 / 24 | 28 / 23 / 21 | 27 / 20 / 18 | 27 / 18 / 16 | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 20 | 23 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 25 |
| | C | θ < 7 | 25 / 25 / 23 | 25 / 25 / 21 | 25 / 25 / 19 | 25 / 25 / 17 | 25 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 25 / 20 | 27 / 22 / 18 | 27 / 20 / 17 | 27 / 19 / NA | 24 / 16 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 28 / 28 / 27 | 28 / 27 / 24 | 28 / 25 / 22 | 28 / 23 / 20 | 27 / 19 / 17 | 26 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 22 | 23 / 23 / 19 | 23 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 27 | 27 | 27 | 27 | 27 | 27 | 26 | 22 | 17 |
| | D | θ < 7 | 25 / 25 / 23 | 25 / 25 / 21 | 25 / 23 / 16 | 25 / 21 / NA | 24 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 21 / 17 | 27 / 19 / NA | 26 / 17 / NA | 24 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 28 / 25 / 22 | 28 / 23 / 20 | 28 / 21 / 18 | 27 / 19 / 17 | 26 / 16 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 21 | 23 / 23 / 19 | 22 / 20 / 16 | 19 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 27 | 27 | 27 | 27 | 27 | 25 | 21 | 19 | NA |
| 80 PSF | B | θ < 7 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 21 | 22 / 22 / 18 | 22 / 22 / 16 | 22 / 19 / NA | 21 / NA / NA |
| | | 7 < θ ≤ 20 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 22 | 23 / 22 / 19 | 23 / 19 / 16 | 23 / 17 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 24 | 25 / 23 / 21 | 25 / 20 / 18 | 24 / 18 / 16 | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | C | θ < 7 | 22 / 22 / 22 | 22 / 22 / 21 | 22 / 22 / 19 | 22 / 22 / 17 | 22 / 21 / NA | 22 / 18 / NA | 21 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 23 / 23 / 20 | 23 / 22 / 18 | 23 / 20 / 17 | 23 / 19 / NA | 23 / 16 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 25 / 25 | 25 / 25 / 24 | 25 / 25 / 22 | 25 / 23 / 20 | 25 / 19 / 17 | 24 / 16 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 22 | 17 |
| | D | θ < 7 | 22 / 22 / 22 | 22 / 22 / 21 | 22 / 22 / 16 | 22 / 21 / NA | 22 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 23 / 21 / 17 | 23 / 19 / NA | 23 / 17 / NA | 23 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 25 / 22 | 25 / 23 / 20 | 25 / 21 / 18 | 25 / 19 / 17 | 24 / 16 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / 16 | 19 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 24 | 21 | 19 | NA |
| 90 PSF | B | θ < 7 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 20 / 16 | 20 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 21 / 21 | 21 / 21 / 21 | 21 / 21 / 21 | 21 / 21 / 21 | 21 / 21 / 19 | 21 / 19 / 16 | 21 / 17 / NA | 21 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 21 | 22 / 20 / 18 | 22 / 18 / 16 | 21 / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 17 | 18 / 17 / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| | C | θ < 7 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / 17 | 20 / 20 / NA | 20 / 18 / NA | 20 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 21 / 20 | 21 / 21 / 18 | 21 / 20 / 17 | 21 / 19 / NA | 21 / 16 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 20 | 22 / 19 / 17 | 22 / 16 / NA | 21 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 16 | 18 / 18 / NA | 17 / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 17 |
| | D | θ < 7 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 16 | 20 / 20 / NA | 20 / 17 / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 21 / 17 | 21 / 19 / NA | 21 / 17 / NA | 21 / 16 / NA | 20 / NA / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 22 | 22 / 22 / 20 | 22 / 21 / 18 | 22 / 19 / 17 | 22 / 16 / NA | 21 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 16 | 18 / 17 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 19 | NA |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Portrait] [30-60 ft]

Module Size: 68x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 60 PSF | B | θ < 7 | 29 / 29 / 27 | 29 / 29 / 24 | 29 / 29 / 22 | 29 / 29 / 20 | 29 / 24 / 17 | 29 / 21 / NA | 25 / 18 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 31 / 29 / 24 | 31 / 26 / 21 | 31 / 24 / 20 | 31 / 22 / 18 | 28 / 18 / NA | 24 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 32 / 32 / 31 | 32 / 31 / 28 | 32 / 29 / 25 | 32 / 26 / 23 | 31 / 22 / 20 | 30 / 19 / 17 | 28 / 16 / NA | 24 / NA / NA | 19 / NA / NA |
| | | 27 < θ ≤ 45 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 22 | 26 / 24 / 19 | 23 / 21 / 16 | 20 / 18 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 26 | 20 |
| | C | θ < 7 | 29 / 28 / 20 | 29 / 26 / 18 | 29 / 23 / 16 | 29 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 31 / 21 / 18 | 30 / 19 / 16 | 27 / 18 / NA | 25 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 32 / 26 / 23 | 32 / 23 / 21 | 31 / 21 / 19 | 30 / 19 / 17 | 28 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 26 / 26 / 26 | 26 / 26 / 23 | 26 / 26 / 21 | 26 / 24 / 19 | 23 / 21 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 31 | 31 | 31 | 31 | 30 | 25 | 22 | 19 | NA |
| | D | θ < 7 | 29 / 24 / 17 | 29 / 22 / NA | 27 / 20 / NA | 25 / 18 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 28 / 18 / NA | 25 / 16 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 31 / 22 / 20 | 31 / 20 / 18 | 30 / 18 / 16 | 28 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 26 / 26 / 22 | 26 / 25 / 20 | 25 / 23 / 18 | 23 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 31 | 31 | 31 | 30 | 25 | 22 | 19 | 17 | NA |
| 70 PSF | B | θ < 7 | 25 / 25 / 25 | 25 / 25 / 24 | 25 / 25 / 22 | 25 / 25 / 20 | 25 / 24 / 17 | 25 / 21 / NA | 25 / 18 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 27 / 24 | 27 / 26 / 21 | 27 / 24 / 20 | 27 / 22 / 18 | 27 / 18 / NA | 24 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 28 / 28 / 28 | 28 / 28 / 28 | 28 / 28 / 25 | 28 / 26 / 23 | 28 / 22 / 20 | 27 / 19 / 17 | 26 / 16 / NA | 24 / NA / NA | 19 / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 22 | 23 / 23 / 19 | 23 / 21 / 16 | 20 / 18 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 26 | 20 |
| | C | θ < 7 | 25 / 25 / 20 | 25 / 25 / 18 | 25 / 23 / 16 | 25 / 21 / NA | 25 / 18 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 21 / 18 | 27 / 19 / 16 | 27 / 18 / NA | 25 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 28 / 26 / 23 | 28 / 23 / 21 | 28 / 21 / 19 | 27 / 19 / 17 | 26 / 16 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 21 | 23 / 23 / 19 | 23 / 21 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 27 | 27 | 27 | 27 | 27 | 25 | 22 | 19 | NA |
| | D | θ < 7 | 25 / 24 / 17 | 25 / 22 / NA | 25 / 20 / NA | 25 / 18 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 18 / NA | 25 / 16 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 28 / 22 / 20 | 27 / 20 / 18 | 27 / 18 / 16 | 26 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 22 | 23 / 23 / 20 | 23 / 23 / 18 | 23 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 27 | 27 | 27 | 27 | 25 | 22 | 19 | 17 | NA |
| 80 PSF | B | θ < 7 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 20 | 22 / 22 / 17 | 22 / 21 / NA | 22 / 18 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 23 / 23 / 23 | 23 / 23 / 21 | 23 / 23 / 20 | 23 / 22 / 18 | 23 / 18 / NA | 23 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 23 | 25 / 22 / 20 | 25 / 19 / 17 | 24 / 16 / NA | 23 / NA / NA | 19 / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / 16 | 20 / 18 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 20 |
| | C | θ < 7 | 22 / 22 / 20 | 22 / 22 / 18 | 22 / 22 / 16 | 22 / 21 / NA | 22 / 18 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 23 / 21 / 18 | 23 / 19 / 16 | 23 / 18 / NA | 23 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 25 / 23 | 25 / 23 / 21 | 25 / 21 / 19 | 25 / 19 / 17 | 24 / 16 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / 16 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 22 | 19 |
| | D | θ < 7 | 22 / 22 / 17 | 22 / 22 / NA | 22 / 20 / NA | 22 / 18 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 23 / 18 / NA | 23 / 16 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 22 / 20 | 25 / 20 / 18 | 24 / 18 / 16 | 24 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 20 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 22 | 19 | 17 | NA |
| 90 PSF | B | θ < 7 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 17 | 20 / 20 / NA | 20 / 18 / NA | 20 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 21 / 21 | 21 / 21 / 21 | 21 / 21 / 20 | 21 / 21 / 18 | 21 / 18 / NA | 21 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 20 | 22 / 19 / 17 | 22 / 16 / NA | 21 / NA / NA | 19 / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 16 | 18 / 18 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 20 |
| | C | θ < 7 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 20 / 16 | 20 / 20 / NA | 20 / 18 / NA | 20 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 21 / 18 | 21 / 19 / 16 | 21 / 18 / NA | 21 / 16 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 22 | 22 / 22 / 21 | 22 / 21 / 19 | 22 / 19 / 17 | 22 / 16 / NA | 21 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 16 | 18 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 19 | NA |
| | D | θ < 7 | 20 / 20 / 17 | 20 / 20 / NA | 20 / 20 / NA | 20 / 18 / NA | 20 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 18 / NA | 21 / 16 / NA | 21 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 20 | 22 / 20 / 18 | 22 / 18 / 16 | 22 / 17 / NA | 21 / NA / NA | 20 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 17 | 18 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 19 | 17 | NA |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [0-30 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 0 PSF | B | θ < 7 | 72 / 72 / 54 | 72 / 69 / 49 | 72 / 63 / 44 | 72 / 57 / 41 | 67 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 72 / 57 / 47 | 72 / 52 / 43 | 72 / 47 / 39 | 66 / 43 / 36 | 56 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA |
| | | 20 < θ ≤ 27 | 72 / 69 / 62 | 72 / 63 / 56 | 72 / 57 / 51 | 72 / 52 / 46 | 72 / 44 / 39 | 65 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 72 / 72 / 69 | 72 / 72 / 62 | 72 / 72 / 57 | 72 / 66 / 52 | 62 / 55 / 44 | 53 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 68 | 59 | 52 | 40 |
| | C | θ < 7 | 72 / 53 / 38 | 67 / 48 / 34 | 61 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 62 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 49 / 43 | 72 / 44 / 39 | 69 / 40 / 36 | 63 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 68 / 61 / 48 | 62 / 55 / 44 | 56 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 66 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 62 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 70 / 41 / 36 | 63 / 37 / 33 | 58 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 57 / 51 / 41 | 52 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 72 | 66 | 61 | 56 | 47 | 40 | 35 | 31 | 24 | |
| 10 PSF | B | θ < 7 | 72 / 72 / 54 | 72 / 69 / 49 | 72 / 63 / 44 | 72 / 57 / 41 | 67 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 72 / 57 / 47 | 72 / 52 / 43 | 72 / 47 / 39 | 66 / 43 / 36 | 56 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA |
| | | 20 < θ ≤ 27 | 72 / 69 / 62 | 72 / 63 / 56 | 72 / 57 / 51 | 72 / 52 / 46 | 72 / 44 / 39 | 65 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 72 / 72 / 69 | 72 / 72 / 62 | 72 / 72 / 57 | 72 / 66 / 52 | 62 / 55 / 44 | 53 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 68 | 59 | 52 | 40 |
| | C | θ < 7 | 72 / 53 / 38 | 67 / 48 / 34 | 61 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 62 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 49 / 43 | 72 / 44 / 39 | 69 / 40 / 36 | 63 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 68 / 61 / 48 | 62 / 55 / 44 | 56 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 66 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 62 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 70 / 41 / 36 | 63 / 37 / 33 | 58 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 57 / 51 / 41 | 52 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 72 | 66 | 61 | 56 | 47 | 40 | 35 | 31 | 24 | |
| 20 PSF | B | θ < 7 | 72 / 72 / 54 | 72 / 69 / 49 | 72 / 63 / 44 | 72 / 57 / 41 | 67 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 72 / 57 / 47 | 72 / 52 / 43 | 72 / 47 / 39 | 66 / 43 / 36 | 56 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA |
| | | 20 < θ ≤ 27 | 72 / 69 / 62 | 72 / 63 / 56 | 72 / 57 / 51 | 72 / 52 / 46 | 72 / 44 / 39 | 65 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 72 / 72 / 69 | 72 / 72 / 62 | 72 / 72 / 57 | 72 / 66 / 52 | 62 / 55 / 44 | 53 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 68 | 59 | 52 | 40 |
| | C | θ < 7 | 72 / 53 / 38 | 67 / 48 / 34 | 61 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 62 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 49 / 43 | 72 / 44 / 39 | 69 / 40 / 36 | 63 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 68 / 61 / 48 | 62 / 55 / 44 | 56 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 66 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 62 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 70 / 41 / 36 | 63 / 37 / 33 | 58 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 57 / 51 / 41 | 52 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 72 | 66 | 61 | 56 | 47 | 40 | 35 | 31 | 24 | |
| 25 PSF | B | θ < 7 | 72 / 72 / 54 | 72 / 69 / 49 | 72 / 63 / 44 | 72 / 57 / 41 | 67 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 72 / 57 / 47 | 72 / 52 / 43 | 72 / 47 / 39 | 66 / 43 / 36 | 56 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA |
| | | 20 < θ ≤ 27 | 72 / 69 / 62 | 72 / 63 / 56 | 72 / 57 / 51 | 72 / 52 / 46 | 72 / 44 / 39 | 65 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 72 / 72 / 69 | 72 / 72 / 62 | 72 / 72 / 57 | 72 / 66 / 52 | 62 / 55 / 44 | 53 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 68 | 59 | 52 | 40 |
| | C | θ < 7 | 72 / 53 / 38 | 67 / 48 / 34 | 61 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 62 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 49 / 43 | 72 / 44 / 39 | 69 / 40 / 36 | 63 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 68 / 61 / 48 | 62 / 55 / 44 | 56 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 66 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 62 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 70 / 41 / 36 | 63 / 37 / 33 | 58 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 57 / 51 / 41 | 52 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 72 | 66 | 61 | 56 | 47 | 40 | 35 | 31 | 24 | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [0-30 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 72 / 72 / 54 | 72 / 69 / 49 | 72 / 63 / 44 | 72 / 57 / 41 | 67 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 72 / 57 / 47 | 72 / 52 / 43 | 72 / 47 / 39 | 66 / 43 / 36 | 56 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA |
| | | 20 < θ ≤ 27 | 72 / 69 / 62 | 72 / 63 / 56 | 72 / 57 / 51 | 72 / 52 / 46 | 72 / 44 / 39 | 65 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 72 / 72 / 69 | 72 / 72 / 62 | 72 / 72 / 57 | 72 / 66 / 52 | 62 / 55 / 44 | 53 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 68 | 59 | 52 | 40 |
| | C | θ < 7 | 72 / 53 / 38 | 67 / 48 / 34 | 61 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 62 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 49 / 43 | 72 / 44 / 39 | 69 / 40 / 36 | 63 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 68 / 61 / 48 | 62 / 55 / 44 | 56 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 66 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 62 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 70 / 41 / 36 | 63 / 37 / 33 | 58 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 57 / 51 / 41 | 52 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 72 | 66 | 61 | 56 | 47 | 40 | 35 | 31 | 24 | |
| 35 PSF | B | θ < 7 | 72 / 72 / 54 | 72 / 69 / 49 | 72 / 63 / 44 | 72 / 57 / 41 | 67 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 72 / 57 / 47 | 72 / 52 / 43 | 72 / 47 / 39 | 66 / 43 / 36 | 56 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA |
| | | 20 < θ ≤ 27 | 72 / 69 / 62 | 72 / 63 / 56 | 72 / 57 / 51 | 72 / 52 / 46 | 72 / 44 / 39 | 65 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 70 / 70 / 69 | 70 / 70 / 62 | 70 / 70 / 57 | 70 / 66 / 52 | 62 / 55 / 44 | 53 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 68 | 59 | 52 | 40 |
| | C | θ < 7 | 72 / 53 / 38 | 67 / 48 / 34 | 61 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 62 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 49 / 43 | 72 / 44 / 39 | 69 / 40 / 36 | 63 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 68 / 61 / 48 | 62 / 55 / 44 | 56 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 66 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 62 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 70 / 41 / 36 | 63 / 37 / 33 | 58 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 57 / 51 / 41 | 52 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 72 | 66 | 61 | 56 | 47 | 40 | 35 | 31 | 24 | |
| 40 PSF | B | θ < 7 | 70 / 70 / 54 | 70 / 69 / 49 | 70 / 63 / 44 | 70 / 57 / 41 | 67 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 72 / 57 / 47 | 72 / 52 / 43 | 72 / 47 / 39 | 66 / 43 / 36 | 56 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA |
| | | 20 < θ ≤ 27 | 72 / 69 / 62 | 72 / 63 / 56 | 72 / 57 / 51 | 72 / 52 / 46 | 70 / 44 / 39 | 65 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 62 / 62 / 62 | 62 / 62 / 62 | 62 / 62 / 57 | 62 / 62 / 52 | 62 / 55 / 44 | 53 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 70 | 70 | 70 | 70 | 70 | 68 | 59 | 52 | 40 |
| | C | θ < 7 | 70 / 53 / 38 | 67 / 48 / 34 | 61 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 62 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 49 / 43 | 70 / 44 / 39 | 68 / 40 / 36 | 63 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 62 / 61 / 48 | 62 / 55 / 44 | 56 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 70 | 70 | 70 | 66 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 62 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 69 / 41 / 36 | 63 / 37 / 33 | 58 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 57 / 51 / 41 | 52 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 70 | 66 | 61 | 56 | 47 | 40 | 35 | 31 | 24 | |
| 50 PSF | B | θ < 7 | 57 / 57 / 54 | 57 / 57 / 49 | 57 / 57 / 44 | 57 / 57 / 41 | 57 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 7 < θ ≤ 20 | 59 / 57 / 47 | 59 / 52 / 43 | 59 / 47 / 39 | 59 / 43 / 36 | 57 / 49 / 34 | 57 / 42 / 29 | 49 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 |
| | | 20 < θ ≤ 27 | 63 / 63 / 62 | 63 / 63 / 56 | 63 / 57 / 51 | 63 / 52 / 46 | 61 / 44 / 39 | 58 / 38 / 34 | 56 / 33 / 29 | 49 / 29 / 26 | 38 / 22 / 20 |
| | | 27 < θ ≤ 45 | 51 / 51 / 51 | 51 / 51 / 51 | 51 / 51 / 51 | 51 / 51 / 51 | 51 / 51 / 44 | 51 / 47 / 38 | 46 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 52 | 40 |
| | C | θ < 7 | 57 / 53 / 38 | 57 / 48 / 34 | 57 / 44 / 31 | 55 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA |
| | | 7 < θ ≤ 20 | 59 / 40 / 33 | 56 / 37 / 30 | 51 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA |
| | | 20 < θ ≤ 27 | 62 / 49 / 43 | 61 / 44 / 39 | 59 / 40 / 36 | 58 / 37 / 33 | 53 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA |
| | | 27 < θ ≤ 45 | 51 / 51 / 48 | 51 / 51 / 44 | 51 / 50 / 40 | 51 / 46 / 37 | 44 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 |
| | | 45 < θ ≤ 90 | 59 | 59 | 59 | 59 | 56 | 48 | 42 | 36 | 29 |
| | D | θ < 7 | 57 / 45 / 38 | 56 / 41 / 34 | 51 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 52 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA |
| 20 < θ ≤ 27 | | 60 / 41 / 36 | 58 / 37 / 33 | 56 / 34 / 30 | 53 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | |
| 27 < θ ≤ 45 | | 51 / 51 / 41 | 51 / 46 / 37 | 47 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | |
| 45 < θ ≤ 90 | | 59 | 59 | 59 | 56 | 47 | 40 | 35 | 31 | 24 | |

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [0-30 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 | |
| 60 PSF | B | θ < 7 | 48 / 48 / 48 | 48 / 48 / 48 | 48 / 48 / 44 | 48 / 48 / 41 | 48 / 48 / 34 | 48 / 42 / 29 | 48 / 36 / 25 | 43 / 31 / 22 | 34 / 25 / 17 | |
| | | 7 < θ ≤ 20 | 50 / 50 / 47 | 50 / 50 / 43 | 50 / 47 / 39 | 50 / 43 / 36 | 50 / 37 / 30 | 48 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA | |
| | | 20 < θ ≤ 27 | 53 / 53 / 53 | 53 / 53 / 53 | 53 / 53 / 51 | 53 / 52 / 46 | 53 / 44 / 39 | 52 / 38 / 34 | 50 / 33 / 29 | 48 / 29 / 26 | 38 / 22 / 20 | |
| | | 27 < θ ≤ 45 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 38 | 43 / 41 / 33 | 40 / 36 / 29 | 31 / 28 / 22 | |
| | | 45 < θ ≤ 90 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 40 | |
| | C | θ < 7 | 48 / 48 / 38 | 48 / 48 / 34 | 48 / 44 / 31 | 48 / 40 / 29 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA | |
| | | 7 < θ ≤ 20 | 50 / 40 / 33 | 50 / 37 / 30 | 50 / 33 / 28 | 47 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA | |
| | | 20 < θ ≤ 27 | 53 / 49 / 43 | 53 / 44 / 39 | 52 / 40 / 36 | 51 / 37 / 33 | 49 / 31 / 28 | 45 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA | |
| | | 27 < θ ≤ 45 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 40 | 43 / 43 / 37 | 43 / 39 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 | |
| | | 45 < θ ≤ 90 | 51 | 51 | 51 | 51 | 51 | 48 | 42 | 36 | 29 | |
| | D | θ < 7 | 48 / 45 / 38 | 48 / 41 / 34 | 48 / 37 / 26 | 46 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA | |
| | | 7 < θ ≤ 20 | 50 / 34 / 28 | 47 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA | |
| 20 < θ ≤ 27 | | 53 / 41 / 36 | 51 / 37 / 33 | 50 / 34 / 30 | 49 / 31 / 27 | 45 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | | |
| 27 < θ ≤ 45 | | 43 / 43 / 41 | 43 / 43 / 37 | 43 / 42 / 34 | 43 / 39 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | | |
| 45 < θ ≤ 90 | | 51 | 51 | 51 | 51 | 47 | 40 | 35 | 31 | 24 | | |
| 70 PSF | B | θ < 7 | 41 / 41 / 41 | 41 / 41 / 41 | 41 / 41 / 41 | 41 / 41 / 41 | 41 / 41 / 34 | 41 / 41 / 29 | 41 / 36 / 25 | 41 / 31 / 22 | 34 / 25 / 17 | |
| | | 7 < θ ≤ 20 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 39 | 43 / 43 / 36 | 43 / 37 / 30 | 43 / 31 / 26 | 42 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA | |
| | | 20 < θ ≤ 27 | 46 / 46 / 46 | 46 / 46 / 46 | 46 / 46 / 46 | 46 / 46 / 46 | 46 / 44 / 39 | 46 / 38 / 34 | 45 / 33 / 29 | 43 / 29 / 26 | 38 / 22 / 20 | |
| | | 27 < θ ≤ 45 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 33 | 37 / 36 / 29 | 31 / 28 / 22 | |
| | | 45 < θ ≤ 90 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 40 | |
| | C | θ < 7 | 41 / 41 / 38 | 41 / 41 / 34 | 41 / 41 / 31 | 41 / 40 / 29 | 41 / 34 / 24 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA | |
| | | 7 < θ ≤ 20 | 43 / 40 / 33 | 43 / 37 / 30 | 43 / 33 / 28 | 43 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA | |
| | | 20 < θ ≤ 27 | 46 / 46 / 43 | 46 / 44 / 39 | 46 / 40 / 36 | 46 / 37 / 33 | 44 / 31 / 28 | 42 / 27 / 24 | 39 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA | |
| | | 27 < θ ≤ 45 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 31 | 37 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 | |
| | | 45 < θ ≤ 90 | 44 | 44 | 44 | 44 | 44 | 44 | 42 | 36 | 29 | |
| | D | θ < 7 | 41 / 41 / 38 | 41 / 41 / 34 | 41 / 37 / 26 | 41 / 34 / 24 | 39 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA | |
| | | 7 < θ ≤ 20 | 43 / 34 / 28 | 43 / 31 / 25 | 43 / 28 / 23 | 39 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA | |
| 20 < θ ≤ 27 | | 46 / 41 / 36 | 46 / 37 / 33 | 45 / 34 / 30 | 44 / 31 / 27 | 42 / 26 / 23 | 38 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | | |
| 27 < θ ≤ 45 | | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 34 | 37 / 37 / 31 | 37 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | | |
| 45 < θ ≤ 90 | | 44 | 44 | 44 | 44 | 44 | 40 | 35 | 31 | 24 | | |
| 80 PSF | B | θ < 7 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 34 | 36 / 36 / 29 | 36 / 36 / 25 | 36 / 31 / 22 | 34 / 25 / 17 | |
| | | 7 < θ ≤ 20 | 38 / 38 / 38 | 38 / 38 / 38 | 38 / 38 / 38 | 38 / 38 / 36 | 38 / 37 / 30 | 38 / 31 / 26 | 38 / 27 / 22 | 36 / 24 / 20 | 28 / 19 / NA | |
| | | 20 < θ ≤ 27 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 39 | 40 / 38 / 34 | 40 / 33 / 29 | 39 / 29 / 26 | 37 / 22 / 20 | |
| | | 27 < θ ≤ 45 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 29 | 31 / 28 / 22 |
| | | 45 < θ ≤ 90 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | |
| | C | θ < 7 | 36 / 36 / 36 | 36 / 36 / 34 | 36 / 36 / 31 | 36 / 36 / 29 | 36 / 34 / 24 | 36 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA | |
| | | 7 < θ ≤ 20 | 38 / 38 / 33 | 38 / 37 / 30 | 38 / 33 / 28 | 38 / 30 / 25 | 38 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA | |
| | | 20 < θ ≤ 27 | 40 / 40 / 40 | 40 / 40 / 39 | 40 / 40 / 36 | 40 / 37 / 33 | 40 / 31 / 28 | 39 / 27 / 24 | 37 / 23 / 21 | 34 / 20 / 18 | 27 / 16 / NA | |
| | | 27 < θ ≤ 45 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 31 | 33 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 | |
| | | 45 < θ ≤ 90 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 36 | 29 | |
| | D | θ < 7 | 36 / 36 / 36 | 36 / 36 / 34 | 36 / 36 / 26 | 36 / 34 / 24 | 36 / 29 / 20 | 34 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA | |
| | | 7 < θ ≤ 20 | 38 / 34 / 28 | 38 / 31 / 25 | 38 / 28 / 23 | 38 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA | |
| 20 < θ ≤ 27 | | 40 / 40 / 36 | 40 / 37 / 33 | 40 / 34 / 30 | 40 / 31 / 27 | 39 / 26 / 23 | 37 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | | |
| 27 < θ ≤ 45 | | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 31 | 33 / 33 / 26 | 31 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | | |
| 45 < θ ≤ 90 | | 40 | 40 | 40 | 40 | 40 | 40 | 35 | 31 | 24 | | |
| 90 PSF | B | θ < 7 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 29 | 32 / 32 / 25 | 32 / 31 / 22 | 32 / 25 / 17 | |
| | | 7 < θ ≤ 20 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 30 | 34 / 31 / 26 | 34 / 27 / 22 | 34 / 24 / 20 | 28 / 19 / NA | |
| | | 20 < θ ≤ 27 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 34 | 36 / 33 / 29 | 36 / 29 / 26 | 34 / 22 / 20 |
| | | 27 < θ ≤ 45 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 28 / 22 |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | |
| | C | θ < 7 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 31 | 32 / 32 / 29 | 32 / 32 / 24 | 32 / 29 / 21 | 32 / 25 / 18 | 30 / 22 / 16 | 24 / 17 / NA | |
| | | 7 < θ ≤ 20 | 34 / 34 / 33 | 34 / 34 / 30 | 34 / 33 / 28 | 34 / 30 / 25 | 34 / 26 / 21 | 34 / 22 / 18 | 29 / 19 / 16 | 26 / 17 / NA | 20 / NA / NA | |
| | | 20 < θ ≤ 27 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 33 | 36 / 31 / 28 | 36 / 27 / 24 | 34 / 23 / 21 | 33 / 20 / 18 | 27 / 16 / NA | |
| | | 27 < θ ≤ 45 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 27 | 29 / 29 / 23 | 28 / 25 / 20 | 22 / 20 / 16 | |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 29 | |
| | D | θ < 7 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 26 | 32 / 32 / 24 | 32 / 29 / 20 | 32 / 24 / 17 | 29 / 21 / NA | 25 / 19 / NA | 20 / NA / NA | |
| | | 7 < θ ≤ 20 | 34 / 34 / 28 | 34 / 31 / 25 | 34 / 28 / 23 | 34 / 26 / 21 | 33 / 22 / 18 | 28 / 19 / NA | 25 / 16 / NA | 21 / NA / NA | 17 / NA / NA | |
| 20 < θ ≤ 27 | | 36 / 36 / 36 | 36 / 36 / 33 | 36 / 34 / 30 | 36 / 31 / 27 | 35 / 26 / 23 | 34 / 22 / 20 | 33 / 19 / 17 | 29 / 17 / NA | 23 / NA / NA | | |
| 27 < θ ≤ 45 | | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 26 | 29 / 28 / 22 | 27 / 24 / 19 | 24 / 21 / 17 | 19 / 17 / NA | | |
| 45 < θ ≤ 90 | | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 31 | 24 | | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [30-60 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 0 PSF | B | θ < 7 | 72 / 62 / 44 | 72 / 56 / 40 | 71 / 51 / 36 | 64 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 72 / 47 / 39 | 65 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 57 / 50 | 72 / 51 / 46 | 72 / 47 / 41 | 72 / 43 / 38 | 62 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 72 / 71 / 56 | 72 / 64 / 51 | 65 / 58 / 46 | 60 / 53 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 65 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 63 / 46 / 33 | 57 / 42 / 29 | 52 / 48 / 27 | 48 / 72 / 25 | 40 / 38 / 21 | 35 / 44 / 18 | 30 / 72 / NA | 26 / 35 / NA | 20 / 40 / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 42 / 37 | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 59 / 53 / 42 | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 72 | 68 | 62 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 61 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 65 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |
| 10 PSF | B | θ < 7 | 72 / 62 / 44 | 72 / 56 / 40 | 71 / 51 / 36 | 64 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 72 / 47 / 39 | 65 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 57 / 50 | 72 / 51 / 46 | 72 / 47 / 41 | 72 / 43 / 38 | 62 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 72 / 71 / 56 | 72 / 64 / 51 | 65 / 58 / 46 | 60 / 53 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 65 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 63 / 46 / 33 | 57 / 42 / 29 | 52 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 42 / 37 | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 59 / 53 / 42 | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 72 | 68 | 62 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 61 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 65 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |
| 20 PSF | B | θ < 7 | 72 / 62 / 44 | 72 / 56 / 40 | 71 / 51 / 36 | 64 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 72 / 47 / 39 | 65 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 57 / 50 | 72 / 51 / 46 | 72 / 47 / 41 | 72 / 43 / 38 | 62 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 72 / 71 / 56 | 72 / 64 / 51 | 65 / 58 / 46 | 60 / 53 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 65 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 63 / 46 / 33 | 57 / 42 / 29 | 52 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 42 / 37 | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 59 / 53 / 42 | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 72 | 68 | 62 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 61 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 65 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |
| 25 PSF | B | θ < 7 | 72 / 62 / 44 | 72 / 56 / 40 | 71 / 51 / 36 | 64 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 72 / 47 / 39 | 65 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 57 / 50 | 72 / 51 / 46 | 72 / 47 / 41 | 72 / 43 / 38 | 62 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 72 / 71 / 56 | 72 / 64 / 51 | 65 / 58 / 46 | 60 / 53 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 65 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 63 / 46 / 33 | 57 / 42 / 29 | 52 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 42 / 37 | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 59 / 53 / 42 | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 72 | 68 | 62 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 61 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 65 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
[Landscape] [30-60 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 72 / 62 / 44 | 72 / 56 / 40 | 71 / 51 / 36 | 64 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 72 / 47 / 39 | 65 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 57 / 50 | 72 / 51 / 46 | 72 / 47 / 41 | 72 / 43 / 38 | 62 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 72 / 71 / 56 | 72 / 64 / 51 | 65 / 58 / 46 | 60 / 53 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 65 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 63 / 46 / 33 | 57 / 42 / 29 | 52 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 42 / 37 | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 59 / 53 / 42 | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 72 | 68 | 62 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 61 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 65 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |
| 35 PSF | B | θ < 7 | 72 / 62 / 44 | 72 / 56 / 40 | 71 / 51 / 36 | 64 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 72 / 47 / 39 | 65 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 57 / 50 | 72 / 51 / 46 | 72 / 47 / 41 | 72 / 43 / 38 | 62 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 70 / 70 / 56 | 70 / 64 / 51 | 65 / 58 / 46 | 60 / 53 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 65 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 63 / 46 / 33 | 57 / 42 / 29 | 52 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 42 / 37 | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 59 / 53 / 42 | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 72 | 68 | 62 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 38 / 25 / 20 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 61 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 65 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |
| 40 PSF | B | θ < 7 | 70 / 62 / 44 | 70 / 56 / 40 | 70 / 51 / 36 | 64 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 72 / 47 / 39 | 65 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 57 / 50 | 72 / 51 / 46 | 71 / 47 / 41 | 70 / 43 / 38 | 62 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 62 / 62 / 56 | 62 / 62 / 51 | 62 / 58 / 46 | 60 / 53 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 70 | 70 | 70 | 70 | 65 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 63 / 46 / 33 | 57 / 42 / 29 | 52 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 69 / 42 / 37 | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 59 / 53 / 42 | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 70 | 68 | 62 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 61 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 65 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |
| 50 PSF | B | θ < 7 | 57 / 57 / 44 | 57 / 56 / 40 | 57 / 51 / 36 | 57 / 47 / 33 | 54 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 59 / 47 / 39 | 59 / 42 / 35 | 59 / 39 / 32 | 54 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 63 / 57 / 50 | 63 / 51 / 46 | 62 / 47 / 41 | 60 / 43 / 38 | 58 / 36 / 32 | 53 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 51 / 51 / 51 | 51 / 51 / 51 | 51 / 51 / 46 | 51 / 51 / 42 | 51 / 45 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 59 | 59 | 59 | 59 | 59 | 56 | 48 | 42 | 33 |
| | C | θ < 7 | 57 / 46 / 33 | 57 / 42 / 29 | 52 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 53 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 60 / 42 / 37 | 58 / 38 / 34 | 57 / 35 / 31 | 54 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 51 / 51 / 42 | 51 / 48 / 38 | 48 / 43 / 34 | 44 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 59 | 59 | 59 | 57 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 54 / 39 / 28 | 49 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 58 / 36 / 32 | 56 / 33 / 29 | 51 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 50 / 45 / 36 | 46 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 59 | 59 | 53 | 49 | 42 | 36 | 31 | 27 | 21 |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [30-60 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 60 PSF | B | θ < 7 | 48 / 48 / 44 | 48 / 48 / 40 | 48 / 48 / 36 | 48 / 47 / 33 | 48 / 40 / 28 | 47 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 50 / 47 / 39 | 50 / 42 / 35 | 50 / 39 / 32 | 50 / 35 / 29 | 46 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 53 / 53 / 50 | 53 / 51 / 46 | 53 / 47 / 41 | 53 / 43 / 38 | 51 / 36 / 32 | 49 / 31 / 28 | 46 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 43 | 43 / 43 / 42 | 43 / 43 / 36 | 43 / 39 / 31 | 38 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 51 | 51 | 51 | 51 | 51 | 51 | 48 | 42 | 33 |
| | C | θ < 7 | 48 / 46 / 33 | 48 / 42 / 29 | 48 / 38 / 27 | 48 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 35 / 29 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 53 / 42 / 37 | 52 / 38 / 34 | 51 / 35 / 31 | 49 / 32 / 28 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 43 / 43 / 42 | 43 / 43 / 38 | 43 / 43 / 34 | 43 / 40 / 32 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 51 | 51 | 51 | 51 | 48 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 48 / 39 / 28 | 48 / 36 / 25 | 45 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 51 / 36 / 32 | 50 / 33 / 29 | 48 / 30 / 26 | 46 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 43 / 43 / 36 | 43 / 41 / 32 | 42 / 37 / 30 | 38 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 51 | 51 | 51 | 49 | 42 | 36 | 31 | 27 | 21 |
| 70 PSF | B | θ < 7 | 41 / 41 / 41 | 41 / 41 / 40 | 41 / 41 / 36 | 41 / 41 / 33 | 41 / 40 / 28 | 41 / 34 / 24 | 40 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 43 / 43 / 39 | 43 / 42 / 35 | 43 / 39 / 32 | 43 / 35 / 29 | 43 / 30 / 25 | 39 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 46 / 46 / 46 | 46 / 46 / 46 | 46 / 46 / 41 | 46 / 43 / 38 | 46 / 36 / 32 | 44 / 31 / 28 | 42 / 27 / 24 | 40 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 36 | 37 / 37 / 31 | 37 / 34 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 42 | 33 |
| | C | θ < 7 | 41 / 41 / 33 | 41 / 41 / 29 | 41 / 38 / 27 | 41 / 35 / 25 | 40 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 43 / 35 / 29 | 43 / 31 / 26 | 43 / 29 / 24 | 40 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 46 / 42 / 37 | 46 / 38 / 34 | 45 / 35 / 31 | 44 / 32 / 28 | 42 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 34 | 37 / 37 / 32 | 37 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 44 | 44 | 44 | 44 | 44 | 41 | 36 | 32 | 25 |
| | D | θ < 7 | 41 / 39 / 28 | 41 / 36 / 25 | 41 / 33 / 23 | 41 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 43 / 30 / 25 | 41 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 46 / 36 / 32 | 45 / 33 / 29 | 44 / 30 / 26 | 43 / 27 / 24 | 39 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 37 / 37 / 36 | 37 / 37 / 32 | 37 / 37 / 30 | 37 / 34 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 44 | 44 | 44 | 44 | 42 | 36 | 31 | 27 | 21 |
| 80 PSF | B | θ < 7 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 33 | 36 / 36 / 28 | 36 / 34 / 24 | 36 / 29 / 21 | 35 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 38 / 38 / 38 | 38 / 38 / 35 | 38 / 38 / 32 | 38 / 35 / 29 | 38 / 30 / 25 | 38 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 38 | 40 / 36 / 32 | 40 / 31 / 28 | 39 / 27 / 24 | 37 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 31 | 33 / 33 / 27 | 33 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 33 |
| | C | θ < 7 | 36 / 36 / 33 | 36 / 36 / 29 | 36 / 36 / 27 | 36 / 35 / 25 | 36 / 29 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 38 / 35 / 29 | 38 / 31 / 26 | 38 / 29 / 24 | 38 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 40 / 40 / 37 | 40 / 38 / 34 | 40 / 35 / 31 | 40 / 32 / 28 | 39 / 27 / 24 | 37 / 23 / 20 | 34 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 32 | 33 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 40 | 40 | 40 | 40 | 40 | 40 | 36 | 32 | 25 |
| | D | θ < 7 | 36 / 36 / 28 | 36 / 36 / 25 | 36 / 33 / 23 | 36 / 30 / 21 | 35 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 38 / 30 / 25 | 38 / 27 / 22 | 38 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 40 / 36 / 32 | 40 / 33 / 29 | 40 / 30 / 26 | 39 / 27 / 24 | 37 / 23 / 20 | 34 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 33 / 33 / 33 | 33 / 33 / 32 | 33 / 33 / 30 | 33 / 33 / 27 | 32 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 40 | 40 | 40 | 40 | 40 | 36 | 31 | 27 | 21 |
| 90 PSF | B | θ < 7 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 28 | 32 / 32 / 24 | 32 / 29 / 21 | 32 / 26 / 18 | 27 / 20 / NA |
| | | 7 < θ ≤ 20 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 32 | 34 / 34 / 29 | 34 / 30 / 25 | 34 / 26 / 21 | 34 / 22 / 18 | 30 / 19 / 16 | 23 / NA / NA |
| | | 20 < θ ≤ 27 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 36 | 36 / 36 / 32 | 36 / 31 / 28 | 36 / 27 / 24 | 34 / 23 / 21 | 31 / 18 / 16 |
| | | 27 < θ ≤ 45 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 27 | 29 / 29 / 23 | 26 / 23 / 18 |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 33 |
| | C | θ < 7 | 32 / 32 / 32 | 32 / 32 / 29 | 32 / 32 / 27 | 32 / 32 / 25 | 32 / 29 / 21 | 32 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 20 / NA / NA |
| | | 7 < θ ≤ 20 | 34 / 34 / 29 | 34 / 31 / 26 | 34 / 29 / 24 | 34 / 26 / 22 | 34 / 22 / 18 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 17 / NA / NA |
| | | 20 < θ ≤ 27 | 36 / 36 / 36 | 36 / 36 / 34 | 36 / 35 / 31 | 36 / 32 / 28 | 36 / 27 / 24 | 34 / 23 / 20 | 33 / 20 / 18 | 30 / 17 / NA | 23 / NA / NA |
| | | 27 < θ ≤ 45 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 27 | 29 / 29 / 23 | 28 / 25 / 20 | 24 / 22 / 17 | 19 / 17 / NA |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 32 | 25 |
| | D | θ < 7 | 32 / 32 / 28 | 32 / 32 / 25 | 32 / 32 / 23 | 32 / 30 / 21 | 32 / 25 / 18 | 30 / 22 / NA | 26 / 19 / NA | 22 / 16 / NA | 17 / NA / NA |
| | | 7 < θ ≤ 20 | 34 / 30 / 25 | 34 / 27 / 22 | 34 / 25 / 20 | 34 / 23 / 19 | 29 / 19 / 16 | 25 / 16 / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 36 / 36 / 32 | 36 / 33 / 29 | 36 / 30 / 26 | 36 / 27 / 24 | 34 / 23 / 20 | 33 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 27 | 29 / 29 / 23 | 28 / 25 / 20 | 24 / 21 / 17 | 21 / 19 / NA | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 36 | 36 | 36 | 36 | 36 | 36 | 31 | 27 | 21 |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Portrait] [0-30 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 48 / 42 / 29 | 48 / 38 / 27 | 48 / 35 / 24 | 44 / 32 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 21 | 37 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 48 / 38 / 34 | 48 / 35 / 31 | 48 / 31 / 28 | 48 / 29 / 25 | 42 / 24 / 22 | 36 / 21 / 18 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA |
| | | 27 < θ ≤ 45 | 44 / 44 / 38 | 44 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 28 | 34 / 30 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / NA / NA |
| | | 45 < θ ≤ 90 | 48 | 48 | 48 | 48 | 44 | 37 | 32 | 28 | 22 |
| | C | θ < 7 | 40 / 29 / 21 | 37 / 27 / 19 | 33 / 24 / 17 | 30 / 22 / 16 | 26 / 19 / NA | 22 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 34 / 22 / 18 | 31 / 20 / 16 | 28 / 18 / NA | 26 / 17 / NA | 22 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 46 / 27 / 24 | 42 / 24 / 21 | 38 / 22 / 20 | 35 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 37 / 33 / 26 | 34 / 30 / 24 | 31 / 28 / 22 | 28 / 25 / 20 | 24 / 21 / 17 | 20 / 18 / NA | 18 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 48 | 44 | 40 | 36 | 31 | 26 | 23 | 20 | 16 |
| | D | θ < 7 | 34 / 24 / 21 | 31 / 22 / 19 | 28 / 20 / NA | 25 / 18 / NA | 21 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 28 / 18 / NA | 26 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 38 / 22 / 20 | 35 / 20 / 18 | 32 / 18 / 16 | 29 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | |
| 27 < θ ≤ 45 | | 31 / 28 / 22 | 28 / 25 / 20 | 26 / 23 / 18 | 24 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 40 | 37 | 33 | 30 | 26 | 22 | 19 | 17 | NA | |
| 35 PSF | B | θ < 7 | 43 / 42 / 29 | 43 / 38 / 27 | 43 / 35 / 24 | 43 / 32 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 45 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 21 | 37 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 47 / 38 / 34 | 46 / 35 / 31 | 45 / 31 / 28 | 44 / 29 / 25 | 42 / 24 / 22 | 36 / 21 / 18 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA |
| | | 27 < θ ≤ 45 | 38 / 38 / 38 | 38 / 38 / 34 | 38 / 38 / 31 | 38 / 36 / 28 | 34 / 30 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / NA / NA |
| | | 45 < θ ≤ 90 | 43 | 43 | 43 | 43 | 43 | 37 | 32 | 28 | 22 |
| | C | θ < 7 | 40 / 29 / 21 | 37 / 27 / 19 | 33 / 24 / 17 | 30 / 22 / 16 | 26 / 19 / NA | 22 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 40 / 29 / 21 | 37 / 27 / 19 | 33 / 24 / 17 | 30 / 22 / 16 | 26 / 19 / NA | 22 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 43 / 27 / 24 | 42 / 24 / 21 | 38 / 22 / 20 | 35 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 37 / 33 / 26 | 34 / 30 / 24 | 31 / 28 / 22 | 28 / 25 / 20 | 24 / 21 / 17 | 20 / 18 / NA | 18 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 43 | 43 | 40 | 36 | 31 | 26 | 23 | 20 | 16 |
| | D | θ < 7 | 34 / 24 / 21 | 31 / 22 / 19 | 28 / 20 / NA | 25 / 18 / NA | 21 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 28 / 18 / NA | 26 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 38 / 22 / 20 | 35 / 20 / 18 | 32 / 18 / 16 | 29 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | |
| 27 < θ ≤ 45 | | 31 / 28 / 22 | 28 / 25 / 20 | 26 / 23 / 18 | 24 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 40 | 37 | 33 | 30 | 26 | 22 | 19 | 17 | NA | |
| 40 PSF | B | θ < 7 | 38 / 38 / 29 | 38 / 38 / 27 | 38 / 35 / 24 | 38 / 32 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 40 / 31 / 26 | 40 / 29 / 24 | 40 / 26 / 21 | 37 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 42 / 38 / 34 | 42 / 35 / 31 | 41 / 31 / 28 | 40 / 29 / 25 | 39 / 24 / 22 | 36 / 21 / 18 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA |
| | | 27 < θ ≤ 45 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 31 | 34 / 34 / 28 | 34 / 30 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / NA / NA |
| | | 45 < θ ≤ 90 | 39 | 39 | 39 | 39 | 39 | 37 | 32 | 28 | 22 |
| | C | θ < 7 | 38 / 29 / 21 | 37 / 27 / 19 | 33 / 24 / 17 | 30 / 22 / 16 | 26 / 19 / NA | 22 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 34 / 22 / 18 | 31 / 20 / 16 | 28 / 18 / NA | 26 / 17 / NA | 22 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 40 / 27 / 24 | 39 / 24 / 21 | 38 / 22 / 20 | 35 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 34 / 33 / 26 | 34 / 30 / 24 | 31 / 28 / 22 | 28 / 25 / 20 | 24 / 21 / 17 | 20 / 18 / NA | 18 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 39 | 39 | 39 | 36 | 31 | 26 | 23 | 20 | 16 |
| | D | θ < 7 | 34 / 24 / 21 | 31 / 22 / 19 | 28 / 20 / NA | 25 / 18 / NA | 21 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 28 / 18 / NA | 26 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 38 / 22 / 20 | 35 / 20 / 18 | 32 / 18 / 16 | 29 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | |
| 27 < θ ≤ 45 | | 31 / 28 / 22 | 28 / 25 / 20 | 26 / 23 / 18 | 24 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 39 | 37 | 33 | 30 | 26 | 22 | 19 | 17 | NA | |
| 50 PSF | B | θ < 7 | 31 / 31 / 29 | 31 / 31 / 27 | 31 / 31 / 24 | 31 / 31 / 22 | 31 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 33 / 31 / 26 | 33 / 29 / 24 | 33 / 26 / 21 | 33 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 34 / 34 / 34 | 34 / 34 / 31 | 34 / 31 / 28 | 34 / 29 / 25 | 33 / 24 / 22 | 32 / 21 / 18 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA |
| | | 27 < θ ≤ 45 | 28 / 28 / 28 | 28 / 28 / 28 | 28 / 28 / 28 | 28 / 28 / 28 | 28 / 28 / 24 | 28 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / NA / NA |
| | | 45 < θ ≤ 90 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 28 | 22 |
| | C | θ < 7 | 31 / 29 / 21 | 31 / 27 / 19 | 31 / 24 / 17 | 30 / 22 / 16 | 26 / 19 / NA | 22 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 33 / 22 / 18 | 31 / 20 / 16 | 28 / 18 / NA | 26 / 17 / NA | 22 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 34 / 27 / 24 | 33 / 24 / 21 | 33 / 22 / 20 | 32 / 20 / 18 | 29 / 17 / NA | 25 / NA / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 28 / 28 / 26 | 28 / 28 / 24 | 28 / 28 / 22 | 28 / 25 / 20 | 24 / 21 / 17 | 20 / 18 / NA | 18 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 32 | 32 | 32 | 32 | 31 | 26 | 23 | 20 | 16 |
| | D | θ < 7 | 31 / 24 / 21 | 31 / 22 / 19 | 28 / 20 / NA | 25 / 18 / NA | 21 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 28 / 18 / NA | 26 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 33 / 22 / 20 | 32 / 20 / 18 | 31 / 18 / 16 | 29 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | |
| 27 < θ ≤ 45 | | 28 / 28 / 22 | 28 / 25 / 20 | 26 / 23 / 18 | 24 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | | 32 | 32 | 32 | 30 | 26 | 22 | 19 | 17 | NA | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Portrait] [0-30 ft]

Module Size: 76x42

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 60 PSF | B | θ < 7 | 26 / 26 / 26 | 26 / 26 / 26 | 26 / 26 / 24 | 26 / 26 / 22 | 26 / 26 / 19 | 26 / 23 / 16 | 26 / 20 / NA | 24 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 27 / 26 | 27 / 27 / 24 | 27 / 26 / 21 | 27 / 24 / 20 | 27 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 28 | 29 / 29 / 25 | 29 / 24 / 22 | 28 / 21 / 18 | 27 / 18 / 16 | 26 / 16 / NA | 21 / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 21 | 23 / 23 / 18 | 22 / 20 / 16 | 17 / NA / NA |
| | | 45 < θ ≤ 90 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 22 |
| | C | θ < 7 | 26 / 26 / 21 | 26 / 26 / 19 | 26 / 24 / 17 | 26 / 22 / 16 | 26 / 19 / NA | 22 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 22 / 18 | 27 / 20 / 16 | 27 / 18 / NA | 26 / 17 / NA | 22 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 29 / 27 / 24 | 29 / 24 / 21 | 29 / 22 / 20 | 28 / 20 / 18 | 27 / 17 / NA | 25 / NA / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 22 | 23 / 23 / 20 | 23 / 21 / 17 | 20 / 18 / NA | 18 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 28 | 28 | 28 | 28 | 28 | 26 | 23 | 20 | 16 |
| | D | θ < 7 | 26 / 24 / 21 | 26 / 22 / 19 | 26 / 20 / NA | 25 / 18 / NA | 21 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 27 / 18 / NA | 26 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 29 / 22 / 20 | 28 / 20 / 18 | 28 / 18 / 16 | 27 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 23 / 23 / 22 | 23 / 23 / 20 | 23 / 23 / 18 | 23 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 28 | 28 | 28 | 28 | 26 | 22 | 19 | 17 | NA |
| 70 PSF | B | θ < 7 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 22 | 23 / 23 / 19 | 23 / 23 / 16 | 23 / 20 / NA | 23 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 24 / 24 / 24 | 24 / 24 / 24 | 24 / 24 / 21 | 24 / 24 / 20 | 24 / 20 / 17 | 24 / 17 / NA | 23 / NA / NA | 20 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 25 / 25 | 25 / 24 / 22 | 25 / 21 / 18 | 25 / 18 / 16 | 24 / 16 / NA | 21 / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 20 / 16 | 17 / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 22 |
| | C | θ < 7 | 23 / 23 / 21 | 23 / 23 / 19 | 23 / 23 / 17 | 23 / 22 / 16 | 23 / 19 / NA | 22 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 24 / 22 / 18 | 24 / 20 / 16 | 24 / 18 / NA | 24 / 17 / NA | 22 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 25 / 24 | 25 / 24 / 21 | 25 / 22 / 20 | 25 / 20 / 18 | 24 / 17 / NA | 23 / NA / NA | 22 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 17 | 20 / 18 / NA | 18 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 20 | 16 |
| | D | θ < 7 | 23 / 23 / 21 | 23 / 22 / 19 | 23 / 20 / NA | 23 / 18 / NA | 21 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 24 / 18 / NA | 24 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 25 / 22 / 20 | 25 / 20 / 18 | 25 / 18 / 16 | 24 / 17 / NA | 23 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 20 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 24 | 24 | 24 | 24 | 24 | 22 | 19 | 17 | NA |
| 80 PSF | B | θ < 7 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / 16 | 20 / 20 / NA | 20 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 21 / 21 | 21 / 21 / 21 | 21 / 21 / 21 | 21 / 21 / 20 | 21 / 20 / 17 | 21 / 17 / NA | 21 / NA / NA | 20 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 22 / 22 | 22 / 21 / 18 | 22 / 18 / 16 | 22 / 16 / NA | 20 / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 16 | 17 / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| | C | θ < 7 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / 17 | 20 / 20 / 16 | 20 / 19 / NA | 20 / 16 / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 21 / 18 | 21 / 20 / 16 | 21 / 18 / NA | 21 / 17 / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 22 | 22 / 22 / 21 | 22 / 22 / 20 | 22 / 20 / 18 | 22 / 17 / NA | 21 / NA / NA | 20 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 17 | 18 / 18 / NA | 18 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 20 | 16 |
| | D | θ < 7 | 20 / 20 / 20 | 20 / 20 / 19 | 20 / 20 / NA | 20 / 18 / NA | 20 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 21 / 18 / NA | 21 / 17 / NA | 21 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 22 / 22 / 20 | 22 / 20 / 18 | 22 / 18 / 16 | 22 / 17 / NA | 21 / NA / NA | 20 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 17 | 18 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 22 | 22 | 22 | 22 | 22 | 22 | 19 | 17 | NA |
| 90 PSF | B | θ < 7 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 16 | 18 / 18 / NA | 18 / 17 / NA | 18 / NA / NA |
| | | 7 < θ ≤ 20 | 19 / 19 / 19 | 19 / 19 / 19 | 19 / 19 / 19 | 19 / 19 / 19 | 19 / 19 / 17 | 19 / 17 / NA | 19 / NA / NA | 19 / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 18 / 16 | 20 / 16 / NA | 19 / NA / NA |
| | | 27 < θ ≤ 45 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / NA / NA |
| | | 45 < θ ≤ 90 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | C | θ < 7 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / 17 | 18 / 18 / 16 | 18 / 18 / NA | 18 / 16 / NA | 18 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 19 / 19 / 18 | 19 / 19 / 16 | 19 / 18 / NA | 19 / 17 / NA | 19 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 17 / NA | 19 / NA / NA | 19 / NA / NA | 18 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / NA | 16 / 16 / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 16 |
| | D | θ < 7 | 18 / 18 / 18 | 18 / 18 / 18 | 18 / 18 / NA | 18 / 18 / NA | 18 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 7 < θ ≤ 20 | 19 / 18 / NA | 19 / 17 / NA | 19 / NA / NA | 19 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 20 < θ ≤ 27 | 20 / 20 / 20 | 20 / 20 / 18 | 20 / 18 / 16 | 20 / 17 / NA | 19 / NA / NA | 19 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | 27 < θ ≤ 45 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / 16 | 16 / 16 / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | 45 < θ ≤ 90 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 17 | NA |

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Landscape] [0-30 ft]

Module Size: 90x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 0 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 10 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 20 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 25 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |

SnapNrack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Landscape] [0-30 ft]

Module Size: 90x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 72 / 72 / 64 | 72 / 72 / 58 | 72 / 67 / 53 | 68 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 35 PSF | B | θ < 7 | 72 / 71 / 50 | 72 / 65 / 45 | 72 / 59 / 41 | 72 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 72 / 54 / 44 | 72 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 72 / 53 / 47 | 72 / 49 / 43 | 71 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 65 / 65 / 64 | 65 / 65 / 58 | 65 / 65 / 53 | 65 / 61 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 72 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 69 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 45 / 40 | 71 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 64 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 72 | 72 | 67 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 65 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 68 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 40 PSF | B | θ < 7 | 65 / 65 / 50 | 65 / 65 / 45 | 65 / 59 / 41 | 65 / 54 / 38 | 62 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 68 / 54 / 44 | 68 / 49 / 40 | 68 / 44 / 36 | 62 / 40 / 33 | 52 / 34 / 28 | 45 / 29 / 24 | 39 / 25 / 21 | 34 / 22 / 18 | 26 / 17 / NA |
| | | 20 < θ ≤ 27 | 72 / 65 / 57 | 72 / 59 / 52 | 70 / 53 / 47 | 69 / 49 / 43 | 66 / 41 / 37 | 60 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 58 / 58 / 58 | 58 / 58 / 58 | 58 / 58 / 53 | 58 / 58 / 48 | 58 / 52 / 41 | 49 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 65 | 65 | 65 | 65 | 65 | 64 | 55 | 48 | 38 | |
| | C | θ < 7 | 65 / 50 / 35 | 62 / 45 / 32 | 57 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 58 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 45 / 40 | 66 / 41 / 37 | 64 / 38 / 33 | 59 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 58 / 57 / 45 | 58 / 52 / 41 | 52 / 47 / 37 | 48 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 65 | 65 | 65 | 62 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 57 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 64 / 38 / 34 | 59 / 35 / 31 | 54 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 53 / 48 / 38 | 48 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 65 | 62 | 57 | 52 | 44 | 38 | 33 | 29 | 22 | | |
| 50 PSF | B | θ < 7 | 53 / 53 / 50 | 53 / 53 / 45 | 53 / 53 / 41 | 53 / 53 / 38 | 53 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 7 < θ ≤ 20 | 55 / 54 / 44 | 55 / 49 / 40 | 55 / 44 / 36 | 55 / 40 / 33 | 53 / 45 / 32 | 53 / 39 / 27 | 46 / 33 / 24 | 40 / 29 / 21 | 31 / 23 / 16 |
| | | 20 < θ ≤ 27 | 58 / 58 / 57 | 58 / 58 / 52 | 58 / 53 / 47 | 58 / 49 / 43 | 57 / 41 / 37 | 54 / 35 / 31 | 52 / 31 / 27 | 46 / 27 / 24 | 36 / 21 / 19 |
| | | 27 < θ ≤ 45 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 41 | 47 / 44 / 35 | 43 / 38 / 30 | 37 / 34 / 27 | 29 / 26 / 21 |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 48 | 38 | |
| | C | θ < 7 | 53 / 50 / 35 | 53 / 45 / 32 | 53 / 41 / 29 | 52 / 38 / 27 | 44 / 32 / 23 | 37 / 27 / 19 | 32 / 24 / 17 | 28 / 21 / NA | 22 / 16 / NA |
| | | 7 < θ ≤ 20 | 55 / 38 / 31 | 52 / 34 / 28 | 48 / 31 / 26 | 43 / 28 / 23 | 37 / 24 / 20 | 31 / 21 / 17 | 27 / 18 / NA | 24 / 16 / NA | 19 / NA / NA |
| | | 20 < θ ≤ 27 | 58 / 45 / 40 | 57 / 41 / 37 | 55 / 38 / 33 | 54 / 34 / 30 | 50 / 29 / 26 | 42 / 25 / 22 | 37 / 22 / 19 | 32 / 19 / 17 | 25 / NA / NA |
| | | 27 < θ ≤ 45 | 47 / 47 / 45 | 47 / 47 / 41 | 47 / 47 / 37 | 47 / 43 / 34 | 41 / 36 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 24 / 19 | 21 / 19 / NA |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 55 | 52 | 45 | 39 | 34 | 27 | |
| | D | θ < 7 | 53 / 42 / 35 | 52 / 38 / 32 | 47 / 34 / 24 | 43 / 31 / 22 | 37 / 27 / 19 | 31 / 23 / 16 | 27 / 20 / NA | 24 / 17 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 48 / 31 / 26 | 44 / 29 / 24 | 40 / 26 / 22 | 36 / 24 / 20 | 31 / 20 / 17 | 26 / 17 / NA | 23 / NA / NA | 20 / NA / NA | 16 / NA / NA |
| 20 < θ ≤ 27 | | 56 / 38 / 34 | 54 / 35 / 31 | 53 / 31 / 28 | 49 / 29 / 26 | 42 / 24 / 22 | 36 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 21 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 47 / 38 | 47 / 43 / 34 | 44 / 39 / 31 | 40 / 36 / 29 | 34 / 31 / 24 | 29 / 26 / 21 | 25 / 23 / 18 | 22 / 20 / 16 | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 55 | 55 | 55 | 52 | 44 | 38 | 33 | 29 | 22 | | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [30-60 ft]

Module Size: 90x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 0 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 45 / 25 | 44 / 72 / 23 | 38 / 35 / 19 | 32 / 41 / 17 | 28 / 72 / NA | 24 / 32 / NA | 19 / 37 / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 10 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 20 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 25 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
 [Landscape] [30-60 ft]

Module Size: 90x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-------------|-------------------|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 72 / 66 / 52 | 67 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | 17 / 16 / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 35 PSF | B | θ < 7 | 72 / 58 / 41 | 72 / 52 / 37 | 66 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 72 / 53 / 47 | 72 / 48 / 42 | 72 / 44 / 39 | 68 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 65 / 65 / 52 | 65 / 60 / 47 | 61 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 72 | 72 | 72 | 72 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 67 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 70 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 40 PSF | B | θ < 7 | 65 / 58 / 41 | 65 / 52 / 37 | 65 / 48 / 34 | 60 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 67 / 44 / 36 | 61 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 70 / 53 / 47 | 68 / 48 / 42 | 67 / 44 / 39 | 65 / 40 / 35 | 58 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 58 / 58 / 52 | 58 / 58 / 47 | 58 / 55 / 43 | 56 / 50 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 65 | 65 | 65 | 65 | 61 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 59 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 65 / 39 / 35 | 61 / 35 / 32 | 55 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 55 / 49 / 39 | 50 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 65 | 64 | 58 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 57 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 60 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |
| 50 PSF | B | θ < 7 | 53 / 53 / 41 | 53 / 52 / 37 | 53 / 48 / 34 | 53 / 44 / 31 | 51 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | 7 < θ ≤ 20 | 55 / 44 / 36 | 55 / 40 / 33 | 55 / 36 / 30 | 50 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | 20 < θ ≤ 27 | 58 / 53 / 47 | 58 / 48 / 42 | 58 / 44 / 39 | 56 / 40 / 35 | 54 / 34 / 30 | 49 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | 27 < θ ≤ 45 | 47 / 47 / 47 | 47 / 47 / 47 | 47 / 47 / 43 | 47 / 47 / 40 | 47 / 42 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 55 | 55 | 52 | 45 | 39 | 31 | |
| | C | θ < 7 | 53 / 43 / 30 | 53 / 39 / 27 | 49 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | 7 < θ ≤ 20 | 50 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | 20 < θ ≤ 27 | 56 / 39 / 35 | 55 / 35 / 32 | 53 / 32 / 29 | 51 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | 27 < θ ≤ 45 | 47 / 47 / 39 | 47 / 44 / 35 | 45 / 41 / 32 | 41 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | 45 < θ ≤ 90 | 55 | 55 | 55 | 53 | 45 | 39 | 34 | 29 | 23 | |
| | D | θ < 7 | 50 / 37 / 26 | 46 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | 7 < θ ≤ 20 | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| 20 < θ ≤ 27 | | 54 / 33 / 30 | 52 / 30 / 27 | 47 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| 27 < θ ≤ 45 | | 47 / 42 / 33 | 43 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| 45 < θ ≤ 90 | 55 | 55 | 50 | 46 | 39 | 33 | 29 | 25 | 20 | | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)
[Landscape] [30-60 ft]

Module Size: 90x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------------------|-------------------|-----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 60 PSF | B | $\theta < 7$ | 44 / 44 / 41 | 44 / 44 / 37 | 44 / 44 / 34 | 44 / 44 / 31 | 44 / 37 / 26 | 43 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | $7 < \theta \leq 20$ | 47 / 44 / 36 | 47 / 40 / 33 | 47 / 36 / 30 | 47 / 33 / 27 | 43 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | $20 < \theta \leq 27$ | 49 / 49 / 47 | 49 / 48 / 42 | 49 / 44 / 39 | 49 / 40 / 35 | 48 / 34 / 30 | 46 / 29 / 26 | 43 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | $27 < \theta \leq 45$ | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 40 | 40 / 40 / 33 | 40 / 36 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | | $45 < \theta \leq 90$ | 47 | 47 | 47 | 47 | 47 | 47 | 45 | 39 | 31 |
| | C | $\theta < 7$ | 44 / 43 / 30 | 44 / 39 / 27 | 44 / 35 / 25 | 44 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 47 / 32 / 27 | 45 / 29 / 24 | 41 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | $20 < \theta \leq 27$ | 49 / 39 / 35 | 48 / 35 / 32 | 47 / 32 / 29 | 46 / 30 / 26 | 43 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | $27 < \theta \leq 45$ | 40 / 40 / 39 | 40 / 40 / 35 | 40 / 40 / 32 | 40 / 37 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | $45 < \theta \leq 90$ | 47 | 47 | 47 | 47 | 45 | 39 | 34 | 29 | 23 |
| | D | $\theta < 7$ | 44 / 37 / 26 | 44 / 33 / 24 | 42 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | $7 < \theta \leq 20$ | 42 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| $20 < \theta \leq 27$ | | 48 / 33 / 30 | 46 / 30 / 27 | 45 / 28 / 25 | 43 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| $27 < \theta \leq 45$ | | 40 / 40 / 33 | 40 / 38 / 30 | 39 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| $45 < \theta \leq 90$ | | 47 | 47 | 47 | 46 | 39 | 33 | 29 | 25 | 20 | |
| 70 PSF | B | $\theta < 7$ | 38 / 38 / 38 | 38 / 38 / 37 | 38 / 38 / 34 | 38 / 38 / 31 | 38 / 37 / 26 | 38 / 32 / 22 | 38 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | $7 < \theta \leq 20$ | 40 / 40 / 36 | 40 / 40 / 33 | 40 / 36 / 30 | 40 / 33 / 27 | 40 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | $20 < \theta \leq 27$ | 43 / 43 / 43 | 43 / 43 / 42 | 43 / 43 / 39 | 43 / 40 / 35 | 43 / 34 / 30 | 41 / 29 / 26 | 40 / 25 / 22 | 37 / 22 / 19 | 29 / 17 / NA |
| | | $27 < \theta \leq 45$ | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 33 | 35 / 35 / 29 | 35 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | | $45 < \theta \leq 90$ | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 39 | 31 |
| | C | $\theta < 7$ | 38 / 38 / 30 | 38 / 38 / 27 | 38 / 35 / 25 | 38 / 32 / 23 | 38 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 40 / 32 / 27 | 40 / 29 / 24 | 40 / 27 / 22 | 37 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | $20 < \theta \leq 27$ | 43 / 39 / 35 | 43 / 35 / 32 | 42 / 32 / 29 | 41 / 30 / 26 | 40 / 25 / 22 | 37 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | $27 < \theta \leq 45$ | 35 / 35 / 35 | 35 / 35 / 35 | 35 / 35 / 32 | 35 / 35 / 29 | 35 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | $45 < \theta \leq 90$ | 41 | 41 | 41 | 41 | 41 | 39 | 34 | 29 | 23 |
| | D | $\theta < 7$ | 38 / 37 / 26 | 38 / 33 / 24 | 38 / 30 / 21 | 38 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | $7 < \theta \leq 20$ | 40 / 28 / 23 | 38 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| $20 < \theta \leq 27$ | | 43 / 33 / 30 | 42 / 30 / 27 | 41 / 28 / 25 | 40 / 25 / 23 | 37 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| $27 < \theta \leq 45$ | | 35 / 35 / 33 | 35 / 35 / 30 | 35 / 35 / 28 | 35 / 32 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| $45 < \theta \leq 90$ | | 41 | 41 | 41 | 41 | 39 | 33 | 29 | 25 | 20 | |
| 80 PSF | B | $\theta < 7$ | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 34 | 34 / 34 / 31 | 34 / 34 / 26 | 34 / 32 / 22 | 34 / 27 / 19 | 33 / 24 / 17 | 26 / 19 / NA |
| | | $7 < \theta \leq 20$ | 36 / 36 / 36 | 36 / 36 / 33 | 36 / 36 / 30 | 36 / 33 / 27 | 36 / 28 / 23 | 36 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | $20 < \theta \leq 27$ | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 37 | 37 / 37 / 35 | 37 / 34 / 30 | 37 / 29 / 26 | 36 / 25 / 22 | 35 / 22 / 19 | 29 / 17 / NA |
| | | $27 < \theta \leq 45$ | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 29 | 31 / 31 / 25 | 31 / 27 / 22 | 24 / 21 / 17 |
| | | $45 < \theta \leq 90$ | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 31 |
| | C | $\theta < 7$ | 34 / 34 / 30 | 34 / 34 / 27 | 34 / 34 / 25 | 34 / 32 / 23 | 34 / 27 / 19 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 36 / 32 / 27 | 36 / 29 / 24 | 36 / 27 / 22 | 36 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | $20 < \theta \leq 27$ | 37 / 37 / 35 | 37 / 35 / 32 | 37 / 32 / 29 | 37 / 30 / 26 | 36 / 25 / 22 | 35 / 21 / 19 | 32 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | $27 < \theta \leq 45$ | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 31 | 31 / 31 / 29 | 31 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | $45 < \theta \leq 90$ | 37 | 37 | 37 | 37 | 37 | 37 | 34 | 29 | 23 |
| | D | $\theta < 7$ | 34 / 34 / 26 | 34 / 33 / 24 | 34 / 30 / 21 | 34 / 28 / 20 | 32 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | $7 < \theta \leq 20$ | 36 / 28 / 23 | 36 / 25 / 21 | 35 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| $20 < \theta \leq 27$ | | 37 / 33 / 30 | 37 / 30 / 27 | 37 / 28 / 25 | 36 / 25 / 23 | 35 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| $27 < \theta \leq 45$ | | 31 / 31 / 31 | 31 / 31 / 30 | 31 / 31 / 28 | 31 / 31 / 25 | 30 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| $45 < \theta \leq 90$ | | 37 | 37 | 37 | 37 | 37 | 33 | 29 | 25 | 20 | |
| 90 PSF | B | $\theta < 7$ | 30 / 30 / 30 | 30 / 30 / 30 | 30 / 30 / 30 | 30 / 30 / 30 | 30 / 30 / 26 | 30 / 30 / 22 | 30 / 27 / 19 | 30 / 24 / 17 | 26 / 19 / NA |
| | | $7 < \theta \leq 20$ | 32 / 32 / 32 | 32 / 32 / 32 | 32 / 32 / 30 | 32 / 32 / 27 | 32 / 28 / 23 | 32 / 24 / 20 | 32 / 21 / 17 | 28 / 18 / NA | 22 / NA / NA |
| | | $20 < \theta \leq 27$ | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 33 | 33 / 33 / 30 | 33 / 29 / 26 | 33 / 25 / 22 | 32 / 22 / 19 | 29 / 17 / NA |
| | | $27 < \theta \leq 45$ | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 25 | 27 / 27 / 22 | 24 / 21 / 17 |
| | | $45 < \theta \leq 90$ | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 31 |
| | C | $\theta < 7$ | 30 / 30 / 30 | 30 / 30 / 27 | 30 / 30 / 25 | 30 / 30 / 23 | 30 / 27 / 19 | 30 / 23 / 17 | 28 / 20 / NA | 24 / 18 / NA | 19 / NA / NA |
| | | $7 < \theta \leq 20$ | 32 / 32 / 27 | 32 / 29 / 24 | 32 / 27 / 22 | 32 / 24 / 20 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 21 / NA / NA | 16 / NA / NA |
| | | $20 < \theta \leq 27$ | 33 / 33 / 33 | 33 / 33 / 32 | 33 / 32 / 29 | 33 / 30 / 26 | 33 / 25 / 22 | 32 / 21 / 19 | 31 / 19 / 16 | 28 / 16 / NA | 22 / NA / NA |
| | | $27 < \theta \leq 45$ | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 25 | 27 / 27 / 21 | 26 / 23 / 19 | 23 / 20 / 16 | 18 / 16 / NA |
| | | $45 < \theta \leq 90$ | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 29 | 23 |
| | D | $\theta < 7$ | 30 / 30 / 26 | 30 / 30 / 24 | 30 / 30 / 21 | 30 / 28 / 20 | 30 / 23 / 17 | 28 / 20 / NA | 24 / 17 / NA | 21 / NA / NA | 16 / NA / NA |
| | | $7 < \theta \leq 20$ | 32 / 28 / 23 | 32 / 25 / 21 | 32 / 23 / 19 | 32 / 21 / 17 | 27 / 18 / NA | 23 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA |
| $20 < \theta \leq 27$ | | 33 / 33 / 30 | 33 / 30 / 27 | 33 / 28 / 25 | 33 / 25 / 23 | 32 / 21 / 19 | 31 / 18 / 16 | 27 / 16 / NA | 24 / NA / NA | 19 / NA / NA | |
| $27 < \theta \leq 45$ | | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 27 | 27 / 27 / 25 | 27 / 27 / 21 | 26 / 23 / 18 | 22 / 20 / 16 | 20 / 18 / NA | NA / NA / NA | |
| $45 < \theta \leq 90$ | | 33 | 33 | 33 | 33 | 33 | 33 | 29 | 25 | 20 | |

SnapRack TopSpeed Universal Zone 1 / Zone 2 / Zone 3 Spacings (inches)

[Portrait] [0-30 ft]

Module Size: 90x45

| Snow Load | Exposure Category | Roof Pitch (Degrees) | Wind Speed (MPH) | | | | | | | | |
|-----------|-------------------|-----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 180 |
| 30 PSF | B | $\theta < 7$ | 42 / 35 / 25 | 42 / 32 / 22 | 40 / 29 / 20 | 37 / 27 / 19 | 31 / 22 / 16 | 26 / 19 / NA | 23 / 16 / NA | 20 / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 41 / 27 / 22 | 37 / 24 / 20 | 34 / 22 / 18 | 31 / 20 / 16 | 26 / 17 / NA | 22 / NA / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 44 / 32 / 28 | 43 / 29 / 26 | 42 / 26 / 23 | 41 / 24 / 21 | 35 / 20 / 18 | 30 / 17 / NA | 26 / NA / NA | 23 / NA / NA | 18 / NA / NA |
| | | $27 < \theta \leq 45$ | 37 / 37 / 32 | 37 / 36 / 29 | 37 / 33 / 26 | 34 / 30 / 24 | 29 / 26 / 20 | 24 / 22 / 17 | 21 / 19 / NA | 18 / 17 / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 40 | 40 | 40 | 40 | 37 | 32 | 27 | 24 | 19 |
| | C | $\theta < 7$ | 34 / 25 / 17 | 31 / 22 / 16 | 28 / 20 / NA | 26 / 19 / NA | 22 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 29 / 19 / NA | 26 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 39 / 22 / 20 | 35 / 20 / 18 | 32 / 19 / 16 | 29 / 17 / NA | 25 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 32 / 28 / 22 | 29 / 26 / 20 | 26 / 23 / 18 | 24 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 40 | 37 | 33 | 31 | 26 | 22 | 19 | 17 | NA |
| | D | $\theta < 7$ | 28 / 21 / 17 | 26 / 19 / 16 | 23 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 24 / NA / NA | 22 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 32 / 19 / 17 | 29 / 17 / NA | 27 / NA / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 26 / 24 / 19 | 24 / 21 / 17 | 22 / 19 / NA | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 34 | 31 | 28 | 26 | 22 | 19 | 16 | NA | NA |
| 35 PSF | B | $\theta < 7$ | 36 / 35 / 25 | 36 / 32 / 22 | 36 / 29 / 20 | 36 / 27 / 19 | 31 / 22 / 16 | 26 / 19 / NA | 23 / 16 / NA | 20 / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 38 / 27 / 22 | 37 / 24 / 20 | 34 / 22 / 18 | 31 / 20 / 16 | 26 / 17 / NA | 22 / NA / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 40 / 32 / 28 | 39 / 29 / 26 | 38 / 26 / 23 | 37 / 24 / 21 | 35 / 20 / 18 | 30 / 17 / NA | 26 / NA / NA | 23 / NA / NA | 18 / NA / NA |
| | | $27 < \theta \leq 45$ | 32 / 32 / 32 | 32 / 32 / 29 | 32 / 32 / 26 | 32 / 30 / 24 | 29 / 26 / 20 | 24 / 22 / 17 | 21 / 19 / NA | 18 / 17 / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 36 | 36 | 36 | 36 | 36 | 32 | 27 | 24 | 19 |
| | C | $\theta < 7$ | 34 / 25 / 17 | 31 / 22 / 16 | 28 / 20 / NA | 26 / 19 / NA | 22 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 34 / 25 / 17 | 31 / 22 / 16 | 28 / 20 / NA | 26 / 19 / NA | 22 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 36 / 22 / 20 | 35 / 20 / 18 | 32 / 19 / 16 | 29 / 17 / NA | 25 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 32 / 28 / 22 | 29 / 26 / 20 | 26 / 23 / 18 | 24 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 36 | 36 | 33 | 31 | 26 | 22 | 19 | 17 | NA |
| | D | $\theta < 7$ | 28 / 21 / 17 | 26 / 19 / 16 | 23 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 24 / NA / NA | 22 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 32 / 19 / 17 | 29 / 17 / NA | 27 / NA / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 26 / 24 / 19 | 24 / 21 / 17 | 22 / 19 / NA | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 34 | 31 | 28 | 26 | 22 | 19 | 16 | NA | NA |
| 40 PSF | B | $\theta < 7$ | 32 / 32 / 25 | 32 / 32 / 22 | 32 / 29 / 20 | 32 / 27 / 19 | 31 / 22 / 16 | 26 / 19 / NA | 23 / 16 / NA | 20 / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 34 / 27 / 22 | 34 / 24 / 20 | 34 / 22 / 18 | 31 / 20 / 16 | 26 / 17 / NA | 22 / NA / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 36 / 32 / 28 | 36 / 29 / 26 | 35 / 26 / 23 | 34 / 24 / 21 | 33 / 20 / 18 | 30 / 17 / NA | 26 / NA / NA | 23 / NA / NA | 18 / NA / NA |
| | | $27 < \theta \leq 45$ | 29 / 29 / 29 | 29 / 29 / 29 | 29 / 29 / 26 | 29 / 29 / 24 | 29 / 26 / 20 | 24 / 22 / 17 | 21 / 19 / NA | 18 / 17 / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 32 | 32 | 32 | 32 | 32 | 32 | 27 | 24 | 19 |
| | C | $\theta < 7$ | 32 / 25 / 17 | 31 / 22 / 16 | 28 / 20 / NA | 26 / 19 / NA | 22 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 29 / 19 / NA | 26 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 33 / 22 / 20 | 33 / 20 / 18 | 32 / 19 / 16 | 29 / 17 / NA | 25 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 29 / 28 / 22 | 29 / 26 / 20 | 26 / 23 / 18 | 24 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 32 | 32 | 32 | 31 | 26 | 22 | 19 | 17 | NA |
| | D | $\theta < 7$ | 28 / 21 / 17 | 26 / 19 / 16 | 23 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 24 / NA / NA | 22 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 32 / 19 / 17 | 29 / 17 / NA | 27 / NA / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 26 / 24 / 19 | 24 / 21 / 17 | 22 / 19 / NA | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 32 | 31 | 28 | 26 | 22 | 19 | 16 | NA | NA |
| 50 PSF | B | $\theta < 7$ | 26 / 26 / 25 | 26 / 26 / 22 | 26 / 26 / 20 | 26 / 26 / 19 | 26 / 22 / 16 | 26 / 19 / NA | 23 / 16 / NA | 20 / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 27 / 27 / 22 | 27 / 24 / 20 | 27 / 22 / 18 | 27 / 20 / 16 | 26 / 17 / NA | 22 / NA / NA | 19 / NA / NA | 17 / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 29 / 29 / 28 | 29 / 29 / 26 | 29 / 26 / 23 | 29 / 24 / 21 | 28 / 20 / 18 | 27 / 17 / NA | 26 / NA / NA | 23 / NA / NA | 18 / NA / NA |
| | | $27 < \theta \leq 45$ | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 23 | 23 / 23 / 20 | 23 / 22 / 17 | 21 / 19 / NA | 18 / 17 / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 24 | 19 |
| | C | $\theta < 7$ | 26 / 25 / 17 | 26 / 22 / 16 | 26 / 20 / NA | 26 / 19 / NA | 22 / 16 / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 27 / 19 / NA | 26 / 17 / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 29 / 22 / 20 | 28 / 20 / 18 | 27 / 19 / 16 | 27 / 17 / NA | 25 / NA / NA | 21 / NA / NA | 18 / NA / NA | 16 / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 23 / 23 / 22 | 23 / 23 / 20 | 23 / 23 / 18 | 23 / 21 / 17 | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 27 | 27 | 27 | 27 | 26 | 22 | 19 | 17 | NA |
| | D | $\theta < 7$ | 26 / 21 / 17 | 26 / 19 / 16 | 23 / 17 / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $7 < \theta \leq 20$ | 24 / NA / NA | 22 / NA / NA | 20 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $20 < \theta \leq 27$ | 28 / 19 / 17 | 27 / 17 / NA | 26 / NA / NA | 24 / NA / NA | 21 / NA / NA | 18 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $27 < \theta \leq 45$ | 23 / 23 / 19 | 23 / 21 / 17 | 22 / 19 / NA | 20 / 18 / NA | 17 / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA | NA / NA / NA |
| | | $45 < \theta \leq 90$ | 27 | 27 | 27 | 26 | 22 | 19 | 16 | NA | NA |

