

DENIM WARRANTY-PLEASE KEEP THIS DOCUMENT.

# This is your Warranty Document.

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## WARRANTY TERMS DENIM PHOTOVOLTAIC MODULES

### 1. Warranty Start Date

It will be effective from the day of installation.

### 2. Limited Product Warranty

Denim warrants to the customer for the limited product warranty from the Warranty Start Date, its Photovoltaic modules (PV modules) shall be free from defects in materials and workmanship under normal application, installation, and use and service conditions, according to Denim installation manual and safety instructions. If the PV modules fail to conform to this warranty, Denim will, at its option, either repair or replace the product, or refund the purchase price as paid by installer. The repair, replacement or refund remedy shall be the sole and exclusive remedy provided under the Limited Product Warranty and shall not extended beyond the period set forth herein. This Limited Product Warranty does not warrant a specific power output, which shall be exclusively covered under clause 2, hereinafter (Limited Linear Power Warranty).

- **THIRTYFIVE (35) year period:**
  - Denim U N3 XXX BTG 108H
  - Denim U N3 XXX BTG 120H
  - Denim U N4 XXX BTG 108H
  - Denim U M3B XXX BTG 108H
  - Denim U M2B XXX BTG 120H
  - Denim U M1B XXX BTG 120H
  - Denim U N3 XXX BBG 108H
- **THIRTY (30) year period:**
  - Denim U N3 XXX BBG 120H
- **TWENTYFIVE (25) year period:**
  - Denim U N3 XXX BB 108H, Denim U N3 XXX BW 108H
  - Denim U M3 XXX BB 108H, Denim U M3 XXX BW 108H
  - Denim U M3 XXX BB 120H, Denim U M3 XXX BW 120H
  - Denim U M2 XXX BB 120H, Denim U M2 XXX BW 120H
  - Denim U M2 XXX BB 132H, Denim U M2 XXX BW 132H
  - Denim U M1 XXX BB 120H, Denim U M1 XXX BW 120H
  - Denim U M1 XXX BB 144H, Denim U M1 XXX BW 144H
- *Note: "XXX" in the type replaces the rated output of the module (Pmax), for example "Denim U N3 440 BTG 108H"*

## WARRANTY TERMS DENIM PHOTOVOLTAIC MODULES

### 3. Limited Linear Peak Power Warranty

- Denim warrants to the customer for the limited Linear Peak Power warranty from the Warranty Start Date, its PV modules will have the following power outputs:

# **The P-type monocrystalline *single glass module***: Within the first year from the warranty start date, the peak power output of the module will be no less than 98.0% of the labeled power output.

From the 2nd to the 25th year, the power loss will not exceed 0.55% per year, by the end of year 25, the peak power output will be no less than 84.80% of the labeled power output.

Only applicable to the following module type:

**Denim U M3 XXX BB 108H, Denim U M3 XXX BW 108H**

**Denim U M3 XXX BB 120H, Denim U M3 XXX BW 120H**

**Denim U M2 XXX BB 120H, Denim U M2 XXX BW 120H**

**Denim U M2 XXX BB 132H, Denim U M2 XXX BW 132H**

**Denim U M1 XXX BB 120H, Denim U M1 XXX BW 120H**

**Denim U M1 XXX BB 144H, Denim U M1 XXX BW 144H**

# **The P-type monocrystalline *glass glass module***: Within the first year from the warranty start date, the peak power output of the module will be no less than 98.0% of the labeled power output.

From the 2nd to the 35th year, the power loss will not exceed 0.45% per year, by the end of year 35, the peak power output will be no less than 82.70% of the labeled power output.

Only applicable to the following module type:

**Denim U M3B XXX BTG 108H**

**Denim U M2B XXX BTG 120H**

# **The N-type monocrystalline *single glass module***: Within the first year from the warranty start date, the peak power output of the module will be no less than 99.0% of the labeled power output.

From the 2nd to the 30th year, the power loss will not exceed 0.40% per year, by the end of year 30, the peak power output will be no less than 87.40% of the labeled power output.

Only applicable to the following module type:

**Denim U N3 XXX BB 108H, Denim U N3 XXX BW 108H**

## WARRANTY TERMS DENIM PHOTOVOLTAIC MODULES

# **The N-type monocrystalline glass glass All Black module:** Within the first year from the warranty start date, the peak power output of the module will be no less than 99.0% of the labeled power output. From the 2nd to the 35th year, the power loss will not exceed 0.40% per year, by the end of year 35, the peak power output will be no less than 85.40% of the labeled power output.

Only applicable to the following module type:

**Denim U N3 XXX BBG 108H**

# **The N-type monocrystalline glass glass All Black module:** Within the first year from the warranty start date, the peak power output of the module will be no less than 99.0% of the labeled power output. From the 2nd to the 30th year, the power loss will not exceed 0.40% per year, by the end of year 30, the peak power output will be no less than 87.40% of the labeled power output.

Only applicable to the following module type:

**Denim U N3 XXX BBG 120H**

# **The N-type monocrystalline glass glass Transparent module:** Within the first year from the warranty start date, the peak power output of the module will be no less than 99.0% of the labeled power output. From the 2nd to the 35th year, the power loss will not exceed 0.40% per year, by the end of year 35, the peak power output will be no less than 85.40% of the labeled power output.

Only applicable to the following module type:

**Denim U N3 XXX BTG 108H**

**Denim U N3 XXX BTG 120H**

**Denim U N4 XXX BTG 108H**

- The actual power output is to be measured under standard testing condition (“STC” or “Standard Test Conditions”) in an independent testing lab accepted by Denim or previously designated by Denim. Standard Test Conditions are: Air mass 1.5, wind speed 0m/s, irradiance 1000W/m<sup>2</sup>, cell temperature 25°C.

- If the peak power loss of module(s) exceed the scope of the above, provided that such loss in power is determined by Denim (at its sole and absolute discretion) to be due to defects in material or workmanship, Denim will repair or replace the PV module to restore the loss in power.

## WARRANTY TERMS DENIM PHOTOVOLTAIC MODULES

### 4. Exclusions and limitations

- Warranty claims must in any event be filed within the applicable Warranty period.
- Warranty claims may only be made by, or on the behalf of, the original end customer or a person to whom title has been transferred for the PV modules.
- The Limited Warranties do not apply to any of the following:

# PV modules which in Denim absolute judgment have been subjected to: misuse, abuse, neglect or accident; alteration, improper installation, application or removal. Including but not limited to installation, application or removal by any party other than Denim authorized dealer;

# Non-observance of Denim installation manual, users and/or maintenance instructions;

# Repair or modifications by someone other than an approved service technician of Denim;

# Power failure surges, lighting, flood, fire, accidental breakage or other events outside Denim control.

# Color difference at installation.

# Cosmetic defects originating from normal wear and tear of PV module materials while in use.

# PV modules installed in locations, which in Denim absolute judgment may be subject to direct contact with salt water.

# The Limited Warranties do not cover any transportation costs for return of the PV modules, or for reshipment of any repaired or replaced PV modules, or cost associated with installation, removal or reinstallation of the PV modules.

# Warranty claims will not apply if the type or serial number of the PV modules is altered, removed or made illegible.

### 5. Limitation of warranty scope

- Subject to the limitations under applicable law, the limited warranties set forth herein are expressly in lieu of and exclude all other express or implied warranties, including but not limited to warranties of merchantability and of fitness for particular purpose, use or application, and all other obligations or liabilities on the part of Denim, unless such other warranties, obligations or liabilities are expressly agreed to in writing signed and approved by Denim.

Denim shall have no responsibility or liability whatsoever for damage or injury to persons or property or for other loss or injury resulting from any cause whatsoever arising out of or related to the product, including, without limitation, any defects in the module, or from use or installation.

## WARRANTY TERMS DENIM PHOTOVOLTAIC MODULES

Under no circumstances shall Denim be liable for incidental, consequential or special damages, howsoever caused.

Loss of use, loss of profits, loss of production, loss of revenues are therefore specifically but without limitation excluded.

- Denim aggregate liability, if any, in damages or otherwise, shall not exceed the purchase price paid to Denim by the Customer, for the unit of product or service furnished or to be furnished, as the case may be, which gave rise to the warranty claim.

- In jurisdiction not allowing limitations on implied warranties or the exclusion of damages, the above limitations or exclusions may not be applicable.'

## 6. Obtaining Warranty Performance

If you feel you have a justified claim covered by this Limited Warranty, immediately notify the (a) Installer, who sold the PV modules, or (b) any authorized Denim distributor, of the claim in writing, or (c) send such notification to Denim directly. In addition, please enclose evidence of the date of delivery of the PV module. If applicable, your installer or distributor will give advice on handling the claim. If further assistance is required, please write to Denim for instructions. The return of any PV modules will not be accepted unless prior written authorization has been given by Denim.

## 7. Company details

Denim Solar is part of Solstice Group B.V., registered with the Chamber of Commerce under number 95948244.