

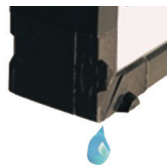


DAS MODUL MONO FS

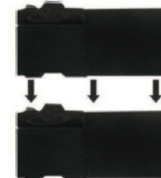
DMMFS320 | DMMFS330 | DMMFS340

DAS MODUL FS is the latest generation of solar modules developed and manufactured by SOLUXTEC. Already awarded several times for the unique design of its aluminium frame, as well as for the integration of the latest solar cell innovation FSM3. DAS MODUL is manufactured with the best materials available and assembled in our German factory.

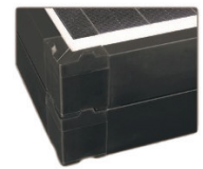
Innovative Solutions










Water drainage



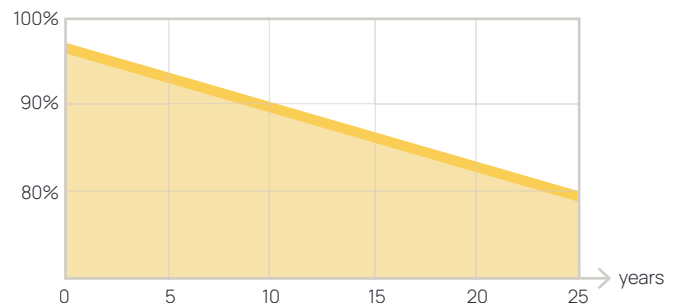
Self stackable & Eco friendly design





Features

-  Mono FS Perc Cells
-  Easy to handle & No sharp sides
-  100% EL Quality Control
-  8100 Pa Max test load
-  Self Stackable Frame & water drainage
-  Excellent thermal properties
-  Positive sorting 0 / + 4,99 Wp

Quality Guarantee



-  25 years product warranty
-  25 years linear performance warranty

Certifications



DAS MODUL MONO FS

DMMFS320 | DMMFS330 | DMMFS340

Electrical Parameters under STC Conditions

(1000 W/m², 25°C +/- 2°C, AM=1,5 according to IEC 60904_3)

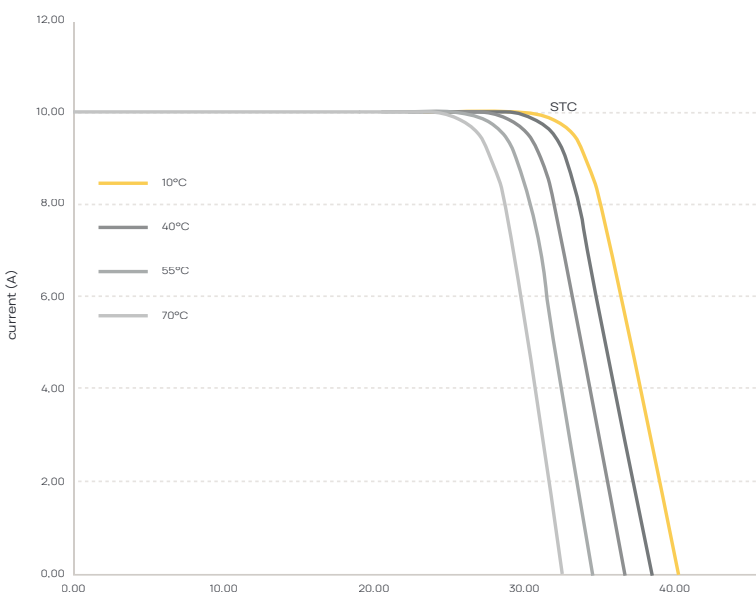
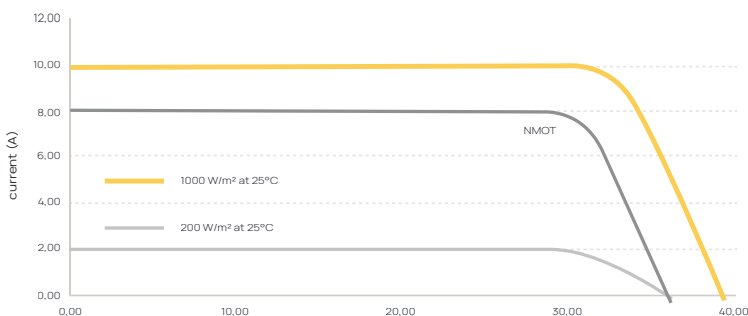
Model	DMMFS320	DMMFS330	DMMFS340
Maximum PowerPoint (Pmax)*	320	330	340
Open Circuit Voltage (Voc)	40,72	41,21	41,72
Short Circuit Current (Isc)	10,21	10,35	10,48
Maximum Power Voltage (Vmpp)	33,00	33,52	34,04
Maximum Power Current (Impp)	9,71	9,85	9,99
Module Efficiency (%)	19,15	19,73	20,33
Power Tolerance (Wp)	0 - 4,99 Wp		
Temperature coefficient TC Isc	+ 0,048 %/°C		
Temperature coefficient TC Voc	- 0,330 %/°C		
Temperature coefficient TC Pmpp	- 0,380 %/°C		

*Power measurement of flasher unit +/- 3%

Electrical Parameters under NMOT conditions

(800 W/m²; NMOT, AM=1,5)

Model	DMMFS320	DMMFS330	DMMFS330
Maximum PowerPoint (Pmax)	236	244	251
Open Circuit Voltage (Voc)	37,62	38,11	38,62
Short Circuit Current (Isc)	8,18	8,28	8,39
Maximum Power Voltage (Vmpp)	30,32	30,84	31,37
Maximum Power Current (Impp)	7,77	7,88	8,00



Operating Conditions

Max. Operating Voltage:	1500 Vdc
Protection Class:	Class II
Operating T° range:	-40°C ... +85°C
Max. Reverse Current:	16 A
STC 25°C:	+/- 2°C
NMOT 45°C:	+/- 2°C
Design load + (snow):	5400 PA
Maximum test load +:	8100 PA*
Design load- (wind):	1600 PA
Maximum test load-:	2400 PA*

*safety factor 1,5

Mechanical Properties

Dimensions:	1665 x 1005 x 35 mm
Weight:	18,5 kg +/- 3%
Cell:	60 mono Perc FS 5bb
Junction Box:	IP68, 3 diodes potted
Connectors:	MC4 or MC4 compatible
Cables:	2 x 900 mm
Solar Glass front:	3,2 mm tempered ARC

Packaging

Per Pallet:	30 modules
Per Truck:	30 pallets

Certifications

IEC 61215, EN 61730, IEC61701, LVD 2014/35/EU, EMC 2014/30/EU, IN METRO

Mechanical Specification

