



POWERSLATE MONO FS SERIE










PSMFS330

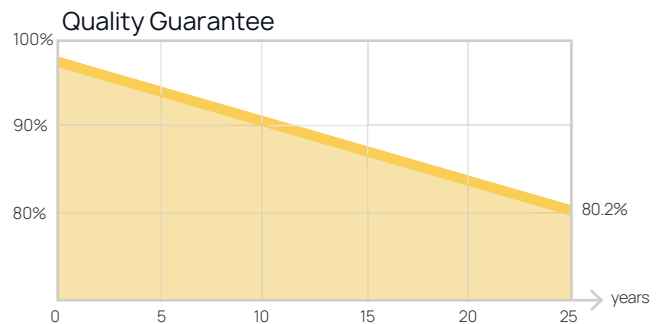
The „PowerSlate FS Serie V2“ is the newest frameless panel developed by Soluxtec based on its original series. Due to the success met in a niche market, Soluxtec decided to update it in order to match the higher power class demanded by customers. Indeed, Soluxtec worked out of the same aesthetic clean-cut-design and mainly focused on power gain.



The PowerSlate FS Serie V2 is the perfect panel to meet aesthetic needs, permitting light transmission in the transparent configuration or even in combination with BIPV solution.

Soluxtec recommends using this product for residential projects or wherever aesthetics is paramount.

Features

-  PID free certified
-  Mono FS Perc Cells
-  4 mm glass thickness
-  100% EL Quality Control
-  Selfcleaning
-  Excellent thermal properties
-  Positive sorting 0 / + 4,99 Wp
-  Aesthetic & Reliability
-  1500 V



-  25 years product warranty
-  25 years linear performance warranty

Certifications



POWERSLATE MONO FS SERIE

PSMFS320 | PSMFS325 | PSMFS330

Electrical Parameters under STC Conditions

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

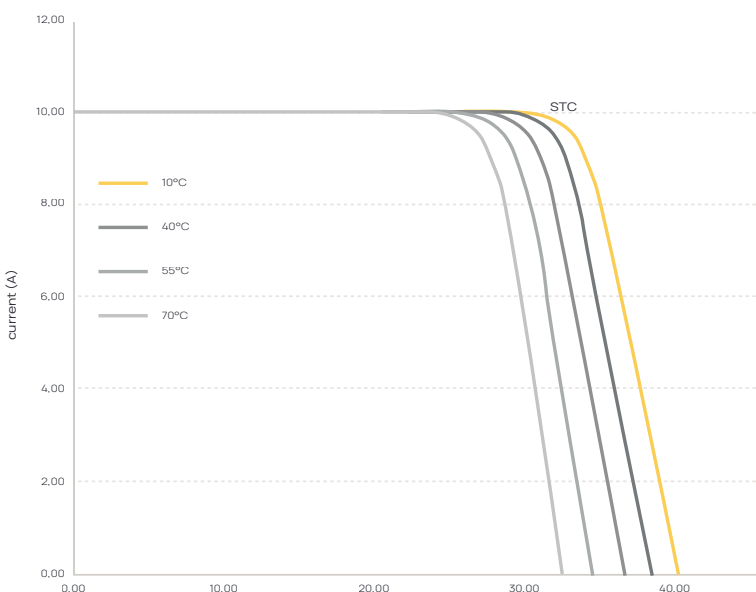
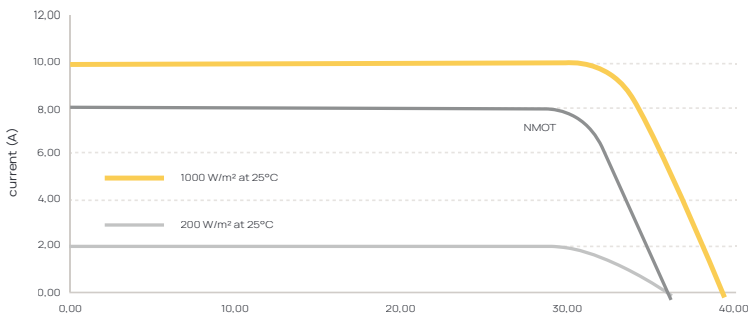
Model	PSMFS330
Maximum PowerPoint (Pmax)	330
Open Circuit Voltage (Voc)	40,40
Short Circuit Current (Isc)	10,30
Maximum Power Voltage (Vmpp)	33,44
Maximum Power Current (Impp)	9,88
Module Efficiency (%)	19,89
Power Tolerance (Wp)	0 - 4,99 Wp
Temperature coefficient TC Isc	+ 0,048 %/°C
Temperature coefficient 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	PSMFS330
Maximum PowerPoint (Pmax)	244
Open Circuit Voltage (Voc)	38,48
Short Circuit Current (Isc)	8,07
Maximum Power Voltage (Vmpp)	30,75
Maximum Power Current (Impp)	7,91



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):	1600 PA
Maximum test load +:	2400 PA*
Design load- (wind):	1600 PA
Maximum test load -:	2400 PA*

*safety factor 1,5

Mechanical Properties

Dimensions:	1660 x 1000 x 5,5 mm
Weight:	18,5 kg +/- 3 %
Cell:	60 mono Perc FS 5bb
Junction Box:	IP67, 3 diodes potted
Connectors:	MC4 Evo2 or Compatible
Cables:	2 x 900 mm
Solar Glass:	4 mm tempered ARC

Packaging

Per Pallet:	25 modules
Per Truck:	30 pallets

Certifications

IEC 61215, EN 61730, IEC61701, IEC62804, IEC62716, LVD2014/35/EU EMC 2014/30/EU, INMETRO, RAL SOLAR

Mechanical Specification

