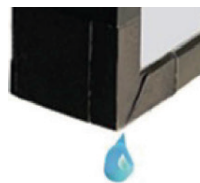


DAS MODUL MONO FS PURE GLASS SERIE

DMMFS320PG | DMMFS330PG

DAS MODUL FS Pure Glass Series V2 is the newest Double Glass Photovoltaic Module produced and developed by Soluxtec. Soluxtec kept the same recipe which made the success of the original DAS MODUL products but further improved in terms of mechanical resistance giving its customers an extended warranty period for both product and production performance. Pure Glass Series V2 is available in two different colours. Merchantable transparent and customized Full Black processing a unique black ceramic rear glass. Soluxtec recommends this Product wherever extreme environment conditions require it and where its standard Module Family is not applicable anymore.

INNOVATIVE SOLUTIONS











water drainage

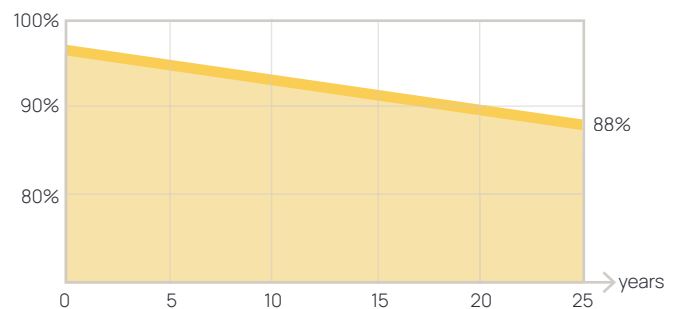




ceramic rear glass with full black version

Feature

-  Mono FS Perc Cells & PID free cells
-  Higher Mechanical performance
-  100% EL Quality Control
-  8100 Pa Max test load
-  water drainage
-  Excellent thermal properties
-  Positive sorting 0 / + 4,99 Wp
-  Reliability & extended guarantee

Quality Guarantee



-  30 years product warranty
-  30 years linear performance warranty

Certifications



DAS MODUL MONO

FS PURE GLASS SERIE

DMMFS320PG | DMMFS330PG

Electrical Parameters under STC Conditions

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

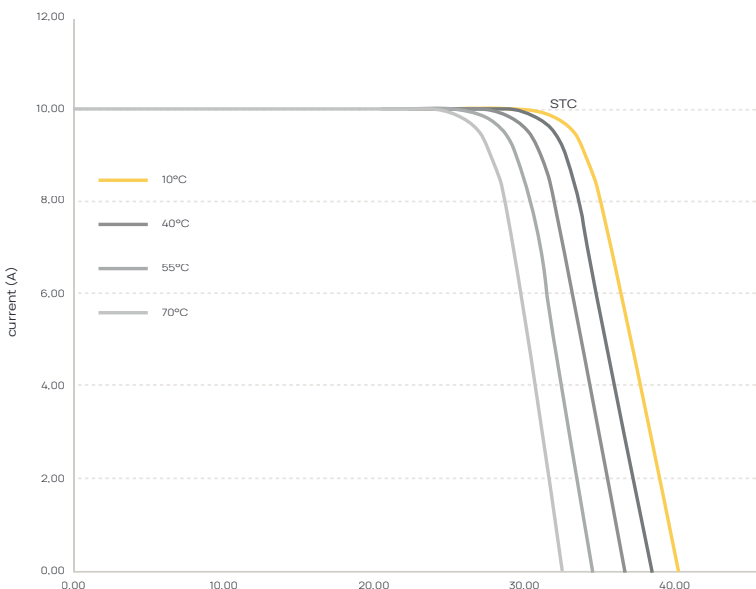
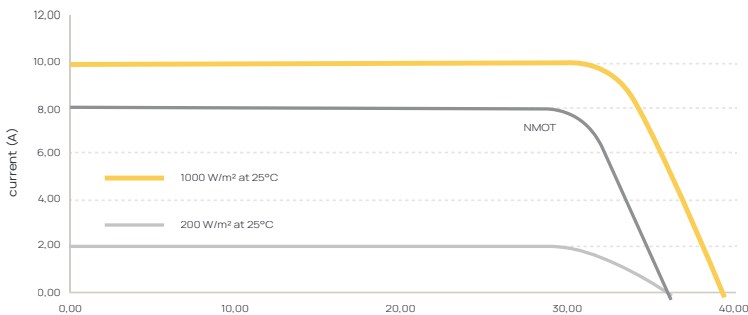
Model	DMMFS320PG	DMMFS330PG
Maximum PowerPoint (Pmax)*	320	330
Open Circuit Voltage (Voc)	41,20	42,30
Short Circuit Current (Isc)	9,90	10,15
Maximum Power Voltage (Vmpp)	33,40	33,52
Maximum Power Current (Impp)	9,60	9,85
Module Efficiency (%)	19,15	19,70
Power Tolerance (Wp)	0 - 4,99 Wp	
Temperature 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 unser NMOT Conditions

(800 W/m²; NMOT, AM=1,5)

Model	DMMFS320PG	DMMFS330PG
Maximum PowerPoint (Pmax)	236	244
Open Circuit Voltage (Voc)	38,10	39,20
Short Circuit Current (Isc)	7,92	8,12
Maximum Power Voltage (Vmpp)	30,72	30,85
Maximum Power Current (Impp)	7,68	7,88



Operating Conditions

Max. Operating Voltage:	1000 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:	23 kg +/- 3 %
Cell:	60 mono Perc FS 5bb
Junction Box:	3x IP67, 3 diodes potted
Connectors:	MC4
Cables:	2 x 900 mm
Solar Glass front:	2,0 mm tempered ARC
Solar Glass back :	2,0 mm tempered *

*black ceramic rear glass for full black

Packaging

Per Pallet:	30 modules
Per Truck:	30 pallets

Certifications

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

Mechanical Specification

