



# SOLUXTEC

Quality made in Germany



## DAS MODUL MONO FS PURE GLASS SERIE

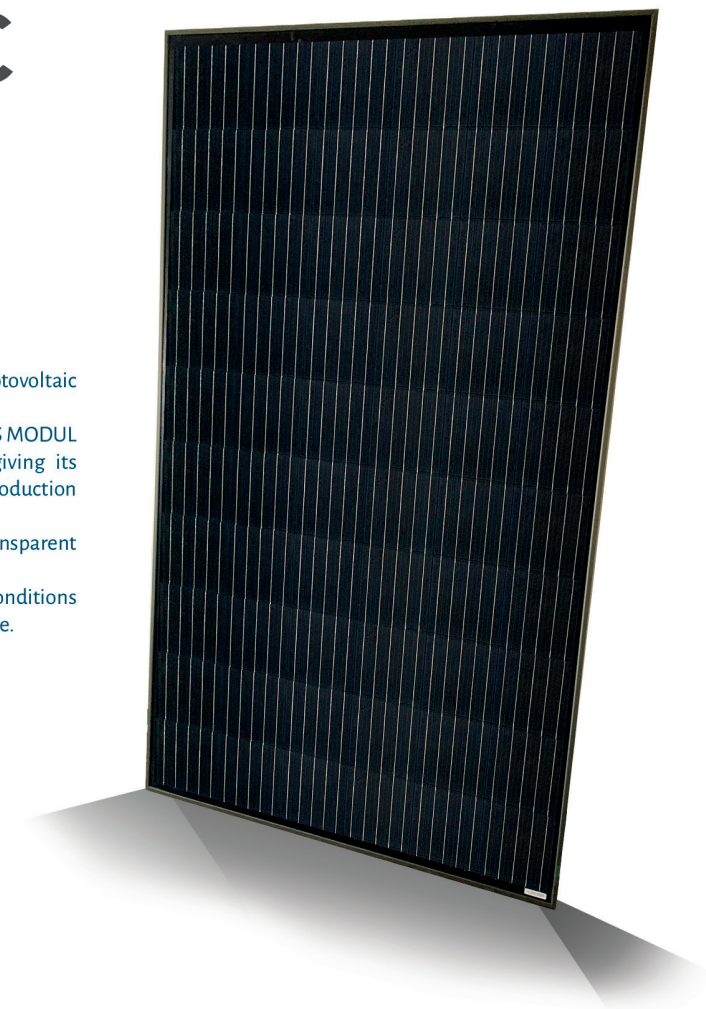
DMMFS320PG

DAS MODUL FS Pure Glass Series V2 is the newest Double Glass Photovoltaic Module produced and developed by Soluxtec.

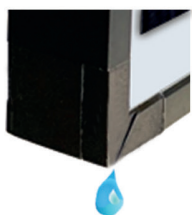
Soluxtec kept the same recipe which made the success of the original DAS MODUL products but further improved in terms of mechanical resistance giving its customers an extended warranty period for both product and production performance.

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

### 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

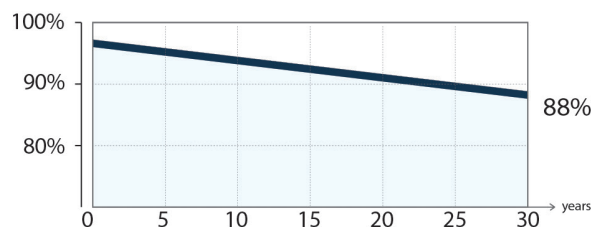


Positive sorting 0 / + 4,99 Wp



Reliability & extended guarantee

### QUALITY GUARANTEE



30 years product warranty



30 years linear performance warranty

### CERTIFICATIONS



## DMMFS320PG

### ELECTRICAL PARAMETERS UNDER STC CONDITIONS

(1000 W/m<sup>2</sup>, 25°C +/- 2°C, AM=1,5 according to IEC 60904\_3)

Model	DMMFS320PG
Maximum PowerPoint (Pmax)	320
Open Circuit Voltage (Voc)	41,20
Short Circuit Current (Isc)	9,90
Maximum Power Voltage (Vmpp)	33,40
Maximum Power Current (Impp)	9,60
Module Efficiency (%)	19,15
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

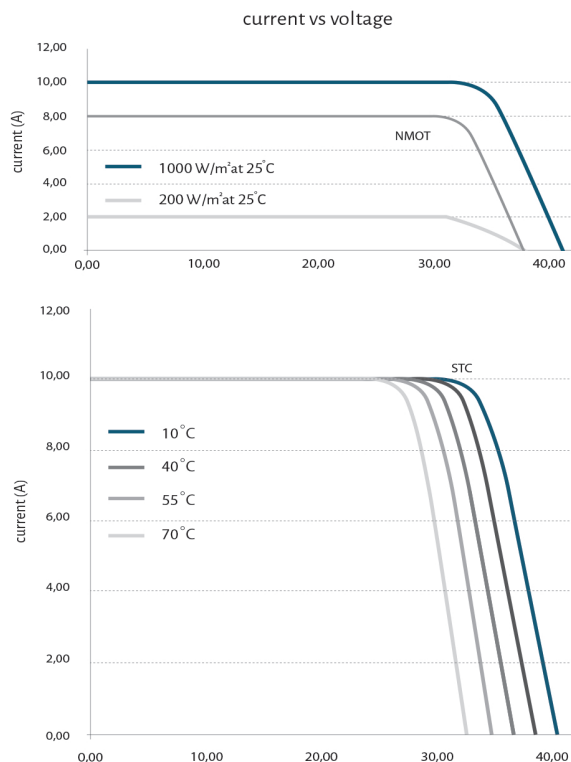
(800 W/m<sup>2</sup> ; NMOT, AM=1,5)

Model	DMMFS320PG
Maximum PowerPoint (Pmax)	236
Open Circuit Voltage (Voc)	38,10
Short Circuit Current (Isc)	7,92
Maximum Power Voltage (Vmpp)	30,72
Maximum Power Current (Impp)	7,68

### CERTIFICATIONS

IEC 61215, EN 61730, IEC 61701, LVD 2014/35/EU, EMC 2014/30/EU

### CURVES CHARACTERISTICS



### 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

### 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

### PACKAGING

Per Pallet	30 modules
Per Truck	30 pallets

### MECHANICAL SPECIFICATION

