

DAS MODUL POLY SERIE

DMPFS275

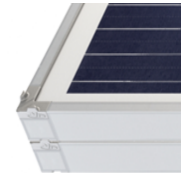
DAS MODUL POLY is the Polycrystalline solar module developed and manufactured by SOLUXTEC. DAS MODUL is manufactured with the best materials available and assembled in our German factory.

It is the most economical module with low LCOE and ideal solution for large scale projects.

Innovative Solutions












Water drainage

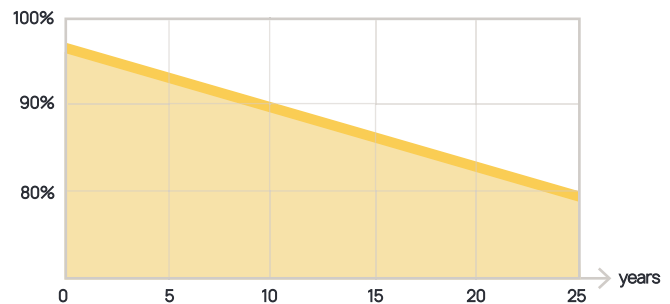




Self stackable & Eco friendly design

Features

-  PID Safe
-  1500V
-  5BB Multi 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



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DMPFS275

Electrical Parameters under STC Conditions

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

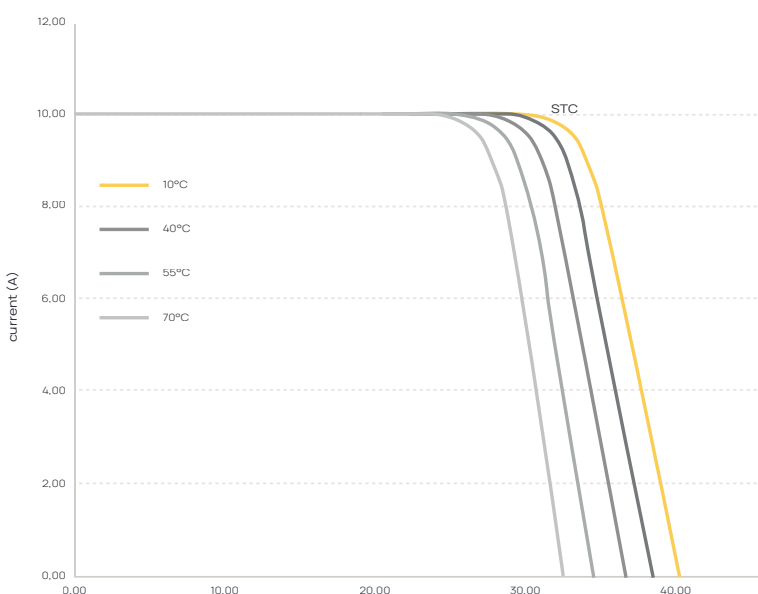
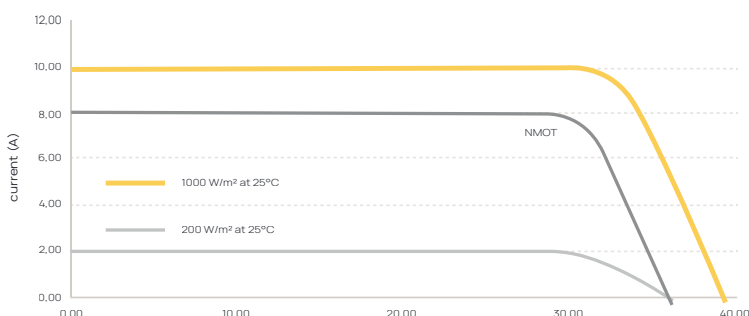
Model	DMPFS275
Maximum PowerPoint (Pmax)*	275
Open Circuit Voltage (Voc)	38,37
Short Circuit Current (Isc)	9,21
Maximum Power Voltage (Vmpp)	31,32
Maximum Power Current (Impp)	8,80
Module Efficiency (%)	17,00
Power Tolerance (Wp)	0 - 4,99 Wp
Temperature coefficient TC _{Isc}	+ 0,056 %/°C
Temperature coefficient TC _{Voc}	- 0,320 %/°C
Temperature coefficient TC _{Pmpp}	- 0,400 %/°C

*Power measurement of flasher unit +/- 3%

Electrical Parameters under NMOT conditions

(800 W/m²; NMOT, AM=1,5)

Model	DMPFS275
Maximum PowerPoint (Pmax)	204
Open Circuit Voltage (Voc)	35,55
Short Circuit Current (Isc)	7,38
Maximum Power Voltage (Vmpp)	28,94
Maximum Power Current (Impp)	7,05



Operating Conditions

Max. Operating Voltage:	1500 Vdc
Protection Class:	Class II
Operating T° range: Max.	-40°C ... +85°C
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 poly 5bb
Junction Box:	IP68, 3 diodes pott ed
Connectors:	MC4 Evo2 or 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, IEC62804, IEC62716, LVD 2014/35/EU, EMC 2014/30/EU, IN METRO, RAL SOLAR

Mechanical Specification

