En

SOLUXTEC

Quality made in Germany

100% Made in Germany

DAS MODUL POLY SERIE

DMP270-285

- 20 years warranty
- 100% EL Quality Control
- Self Stackable Frame & water drainage
- 5bb Multi Cells
- 25 year linear Performance Guarantee
- Excellent thermal properties
- Easy to handle
- 5400 load charge capacity
- Positive sorting 0 / + 4,99 Wp

SOLUXTEC GmbH, Ihr Deutscher Photovoltaik Hersteller

This data sheet complies with the requirement of EN 50380. Soluxtec GmbH reserve his right to make specification changes without prior notice (2018)

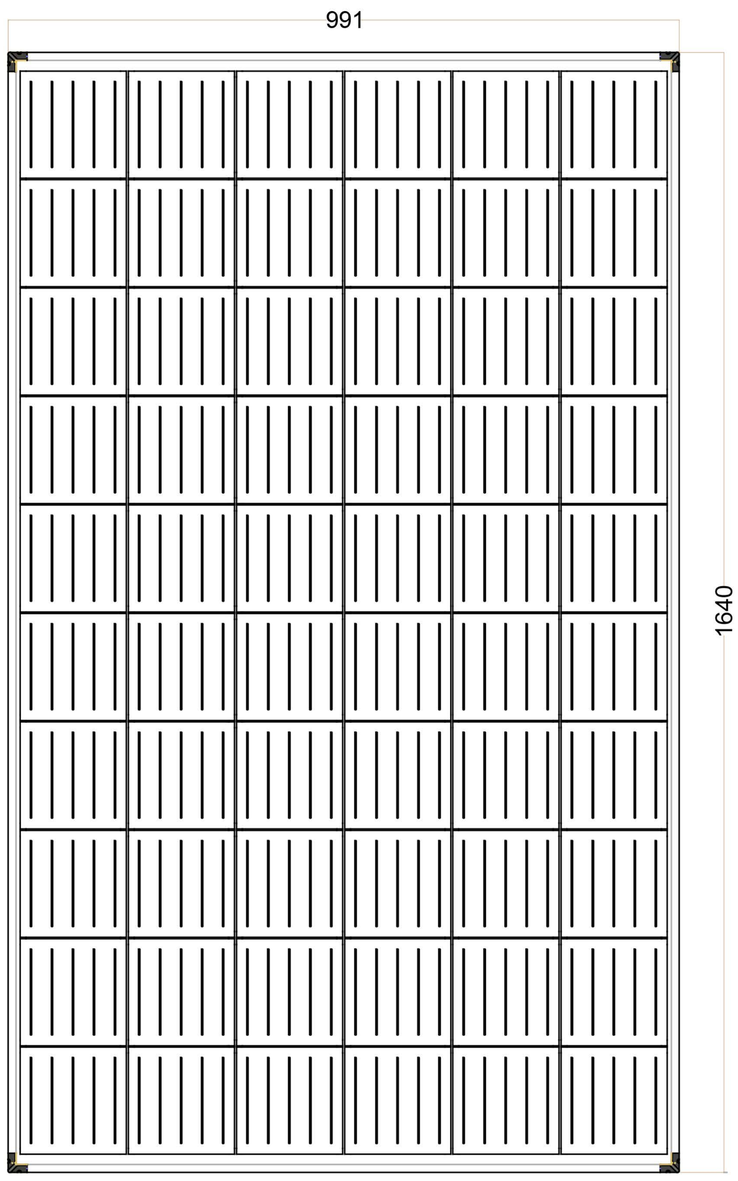
SOLUXTEC

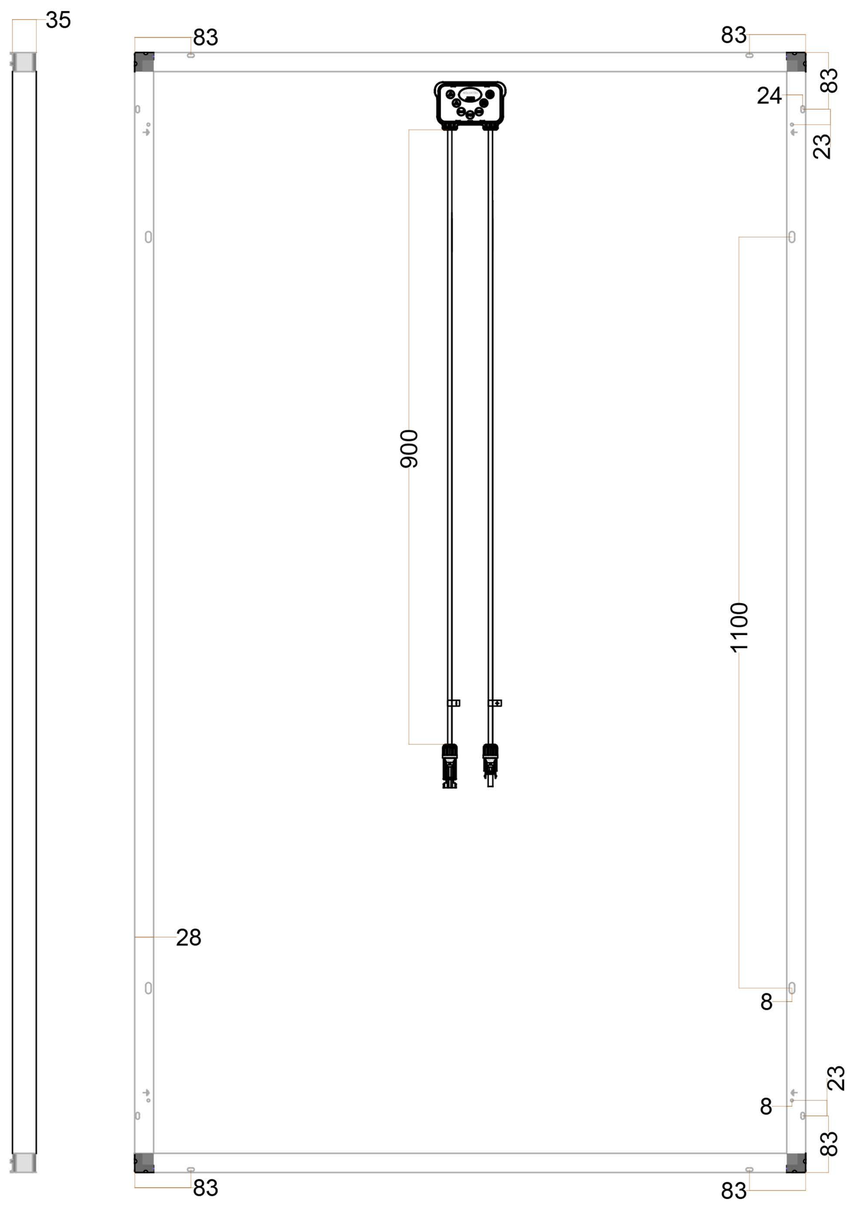
DAS MODUL POLY SERIE FR60

ELECTRICAL PARAMETERS UNDER STC CONDITIONS

TYPE	DMP270	DMP275	DMP280	DMP285
Maximum PowerPoint (Wp)	270	275	280	285
Open Circuit Voltage (Voc)	38,15	38,37	38,61	38,80
Short Circuit Current (Isc)	9,10	9,21	9,32	9,42
Maximum Power Voltage (Vmpp)	31,13	31,32	31,61	31,82
Maximum Power Current (Impp)	8,70	8,80	8,88	8,96
Module Efficiency (%)	16,70	17,00	17,30	17,60
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			

MECHANICAL SPECIFICATIONS



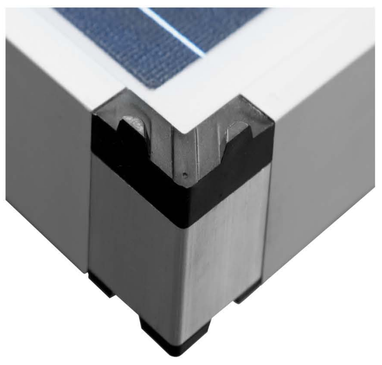


Dimensions	1640 x 991 x 35 mm
Weight	18 kg +/- 3 %
Cell	60 poly 5bb
Junction Box	IP67, 3 diodes potted
Connectors	MC4 original
Cables	2 x 900 mm
Solar Glass	3,2 mm tempered

Packaging

Per Pallet	30 modules
Per Truck	32 pallets

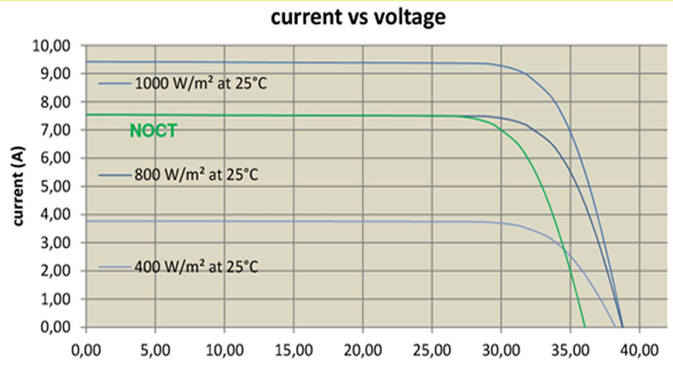
Exclusive eco friendly stacking solution :

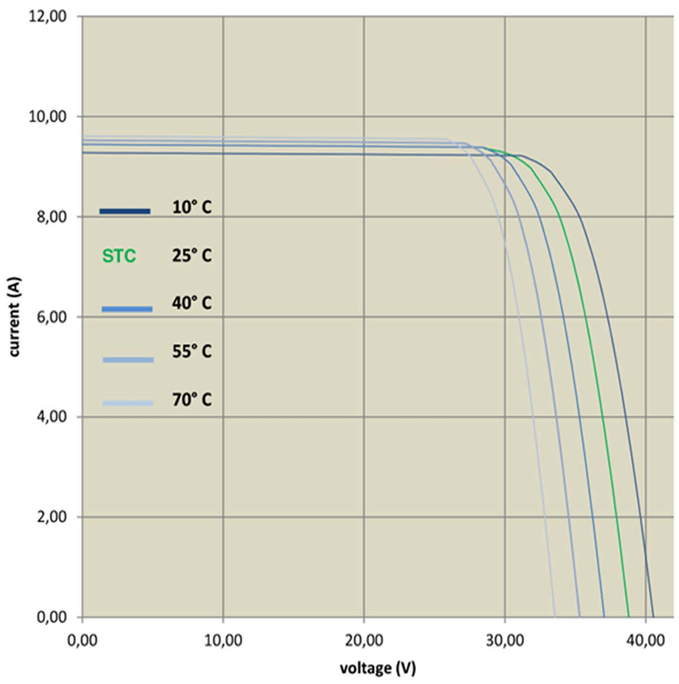


water drainage

self stackable solution
no more recycling waste.

CURVES CHARACTERISTICS





ELECTRICAL PARAMETERS UNDER NOCT CONDITIONS

Type	Pmpp	Voc	Isc	Vmpp	Impp
DMP270	200	35,35	7,29	28,70	6,97
DMP275	204	35,55	7,38	28,94	7,05
DMP280	207	35,80	7,46	29,17	7,11
DMP285	210	35,98	7,54	29,38	7,17

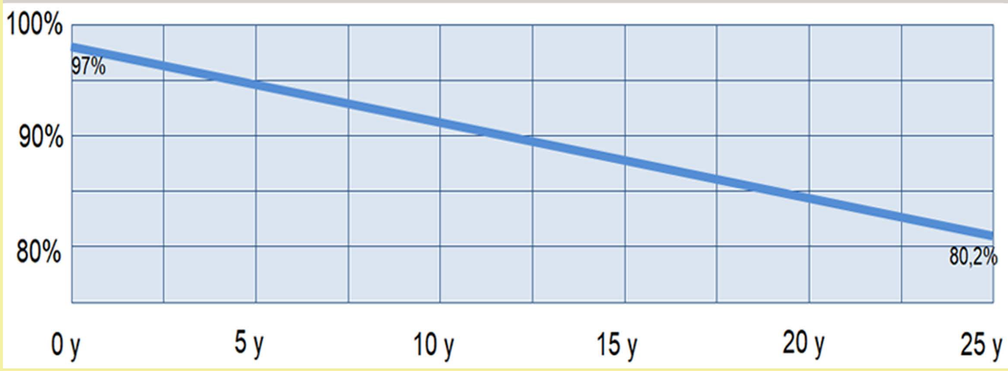
OPERATING CONDITIONS

Max. Operating Voltage	1000 Vdc
Application Class	Class A
Operating T° range	-40°C...+85°C
Max. Reverse Current	16 A
STC	25°C +/- 2°C
NOCT	45°C +/- 2°C
Max Load Front	5400 Pa
Max Load Back	2400 Pa

WARRANTIES

20 years product warranty

25 years linear performance warranty



CERTIFICATIONS

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

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