En

SOLUXTEC

Quality made in Germany

100% Made in Germany

DAS MODUL MONO SERIE

DMM290-315

- 20 years warranty
- 100% EL Quality Control
- Self Stackable Frame & water drainage
- 5bb Mono Perc 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)

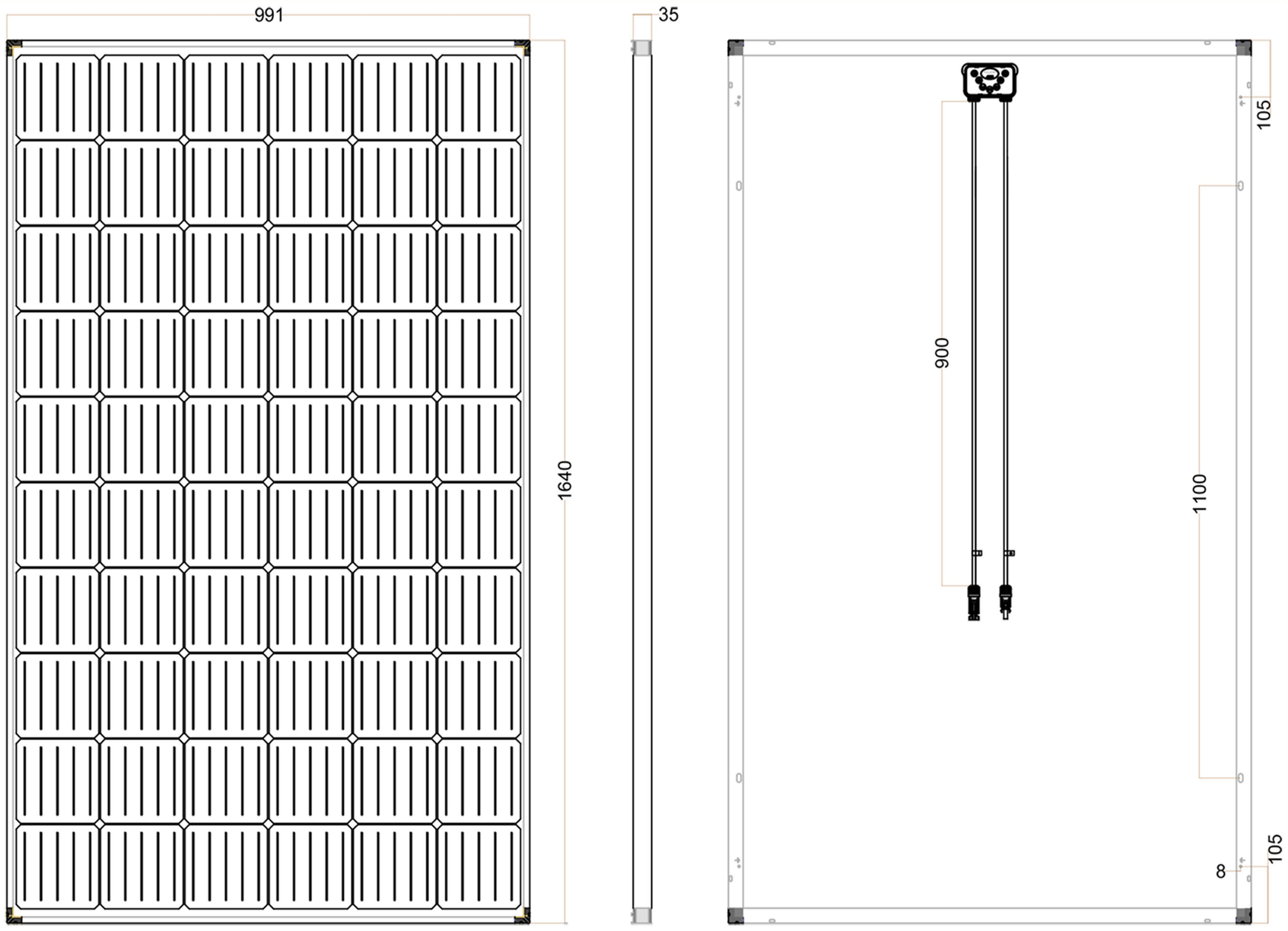
SOLUXTEC

DAS MODUL MONO SERIE FR60

ELECTRICAL PARAMETERS UNDER STC CONDITIONS

TYPE	DMM290	DMM295	DMM300	DMM305	DMM310	DMM315
Maximum PowerPoint (Wp)	290	295	300	305	310	315
Open Circuit Voltage (Voc)	38,82	39,20	39,40	39,60	39,93	40,32
Short Circuit Current (Isc)	9,55	9,64	9,73	9,84	9,92	9,98
Maximum Power Voltage (Vmpp)	31,90	32,15	32,28	32,5	32,75	32,96
Maximum Power Current (Impp)	9,10	9,20	9,30	9,38	9,47	9,56
Module Efficiency (%)	17,85	18,20	18,45	18,75	19,05	19,40
Power Tolerance (Wp)	0 - 4,99 Wp					
Temperature coefficient TC Isc	+ 0,058 %/°C					
Temperature coefficient TC Voc	- 0,300 %/°C					
Temperature coefficient TC Pmpp	- 0,385 %/°C					

MECHANICAL SPECIFICATION



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

Packaging

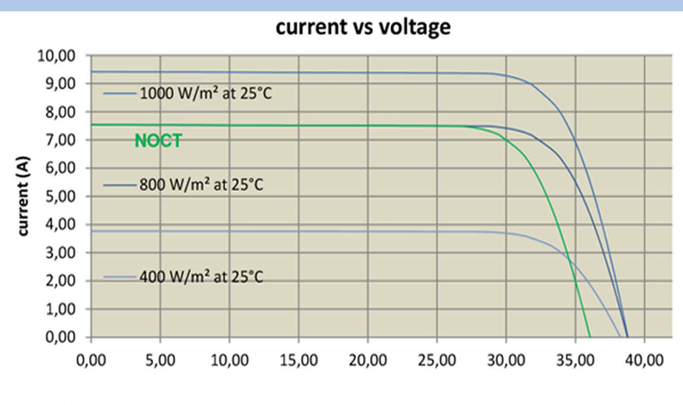
Per Pallet	30 modules
Per Truck	32 pallets

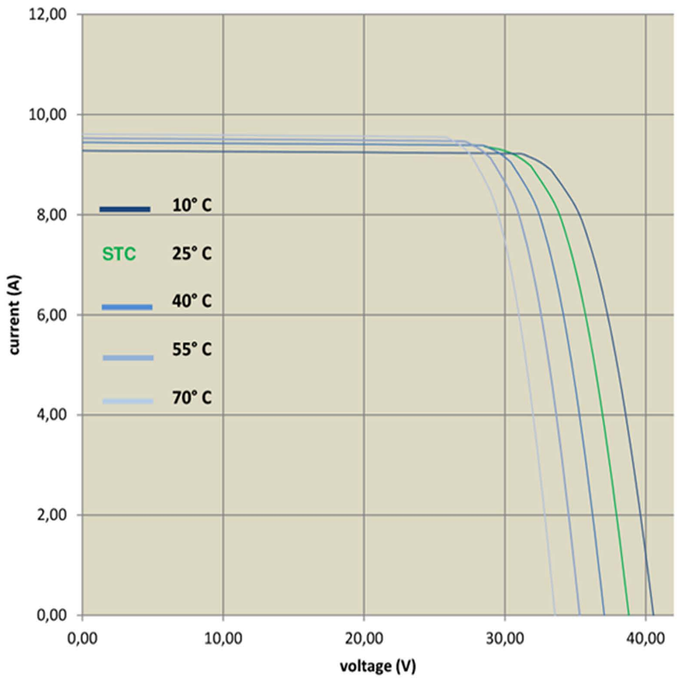
Exclusive eco friendly stacking solution :

water drainage

self stackable solution
no more recycling waste.

CURVES CHARACTERISTICS





ELECTRICAL PARAMETERS UNDER NOCT CONDITIONS

Type	Pmpp	Voc	Isc	Vmpp	Impp
DMM290	215	36,08	7,65	29,53	7,29
DMM295	219	35,46	7,72	29,78	7,37
DMM300	222	36,66	7,79	29,91	7,45
DMM305	226	36,86	7,88	30,15	7,51
DMM310	230	37,19	7,94	30,38	7,58
DMM315	234	37,58	7,99	30,59	7,65

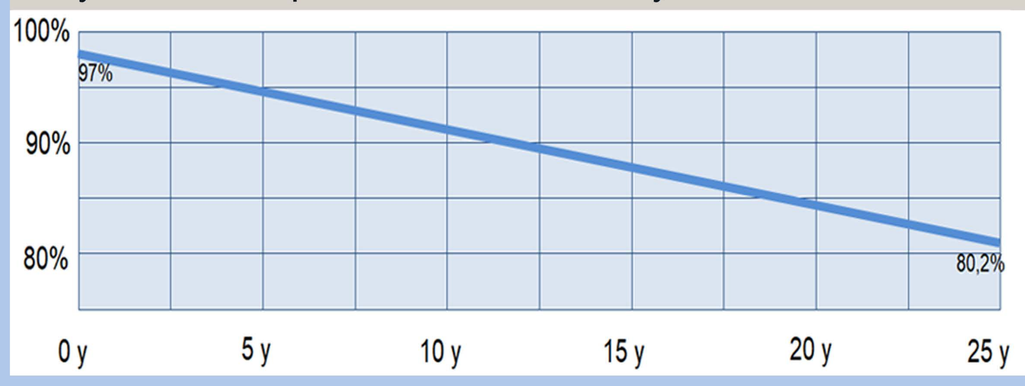
OPERATING CONDITIONS

Max. Operating Voltage	1000 Vdc
Application Class	Class A
Operating T° range	-40°C...+85°C
Max. Reverse Current	16 A
STC25°C	+/- 2°C
NOCT45°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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