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**Solar Panel Guide
Specification Data Sheet**

Sunlife Solar Co. Pvt. Ltd

SLS280-320M

SLS280M

Also available on the web at
EnergyPal.com/sunlife-solar-co-pvt-ltd-solar-panels/sls280m



ELECTRICAL SPECIFICATIONS

Module Type	SLS280M	SLS290M	SLS300M	SLS310M	SLS320M
Peak power(Pmax)	280W	290W	300W	310W	320W
Maximum power voltage(Vmp)	35.7V	35.8V	36.3V	36.8V	37.2V
Maximum power current(Imp)	7.84A	8.10A	8.26A	8.42A	8.60A
Short-circuit current(Isc)	8.46A	8.71A	8.93A	9.01A	9.29A
Open circuit voltage(Voc)	44.2V	44.4V	45.0V	45.5V	45.6V
Optimized cell efficiency(η)	16.00%	16.50%	17.20%	17.80%	18.20%
Power tolerance:				0~+3%	
Maximum system voltage	1000VDC				

TEMPERATURE COEFFICIENT

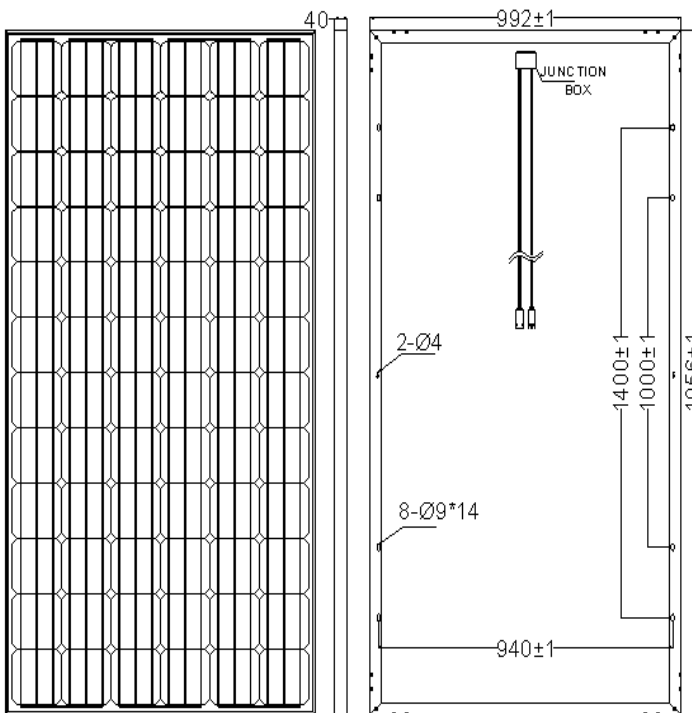
Current temperature coefficient	0.037%/°C
Voltage temperature coefficient	-0.34%/°C
Power temperature coefficient	-0.48%/°C

STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

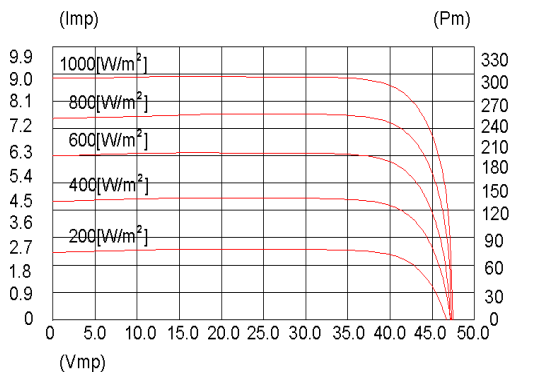
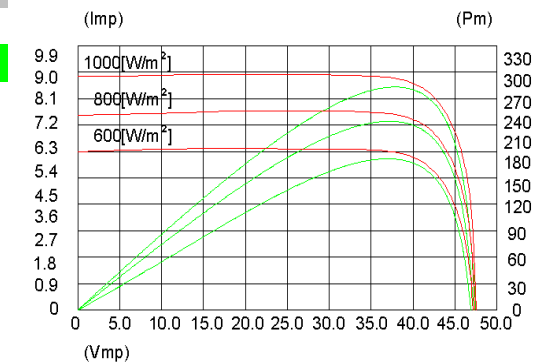
MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	72 cells in series
Weight	22.5 kg (49.5 lbs)
Dimension	1956x992x40mm
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Max Load	5400 Pascals (112 lb/ft2)
Junction Box	IP65
Cable/Connector	900mm /MC4 Compatible

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



*Due to continuous innovation, research and product improvement, the specifications are subject to change without prior notice.
*The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

25-year performance warranty
10-year warranty on materials and workmanship
The specifications are subject to change without prior notice.