



**ELECTRICAL SPECIFICATIONS**

Model NO.	SLS250M	SLS270M	SLS275M	SLS280M
Peak power(Pmax)	250W	270w	275w	280w
Maximum power voltage(Vmp)	30.7V	30.5	31	31.67
Maximum power current(Im <sub>p</sub> )	8.17A	8.85	8.87	8.89
Short-circuit current(I <sub>sc</sub> )	8.80A	9.21	9.21	9.4
Open circuit voltage(V <sub>oc</sub> )	38.1V	37.82	37.82	38.97
Optimized cell efficiency(η)	17.20%	17.80%	18.20%	18.50%
Power tolerance:	0~+3%			
Maximum system voltage	1000VDC			

**TEMPERATURE COEFFICIENT ELECTRICAL CHARACTERISTICS**

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

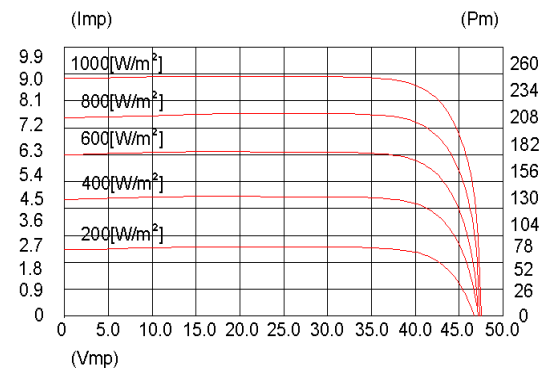
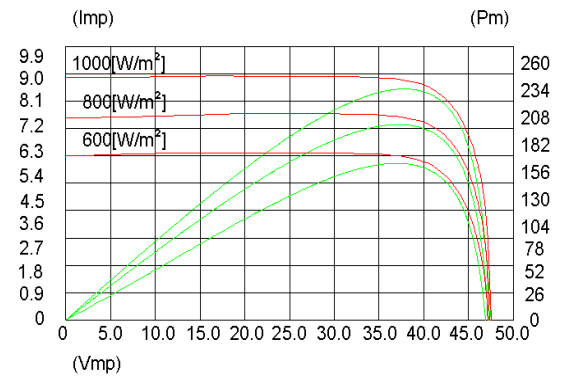
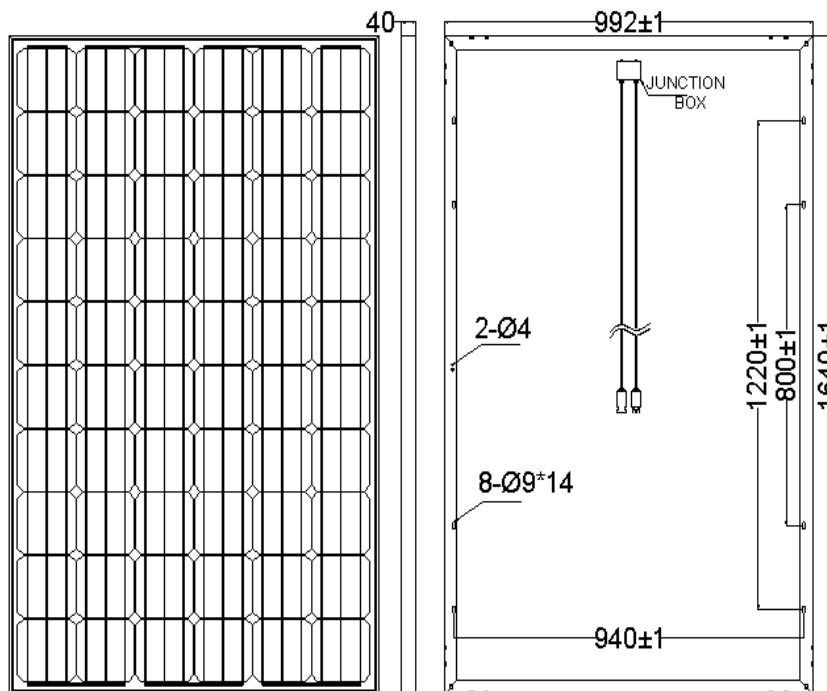
STC: Irradiance of 1000W /m<sup>2</sup>, AM 1.5, Cell Temperature of 25°C

**MECHANICAL SPECIFICATIONS**

Cell Type	156mm x 156mm
Number of Cells	60 cells in series
Weight	17.5 kg (38.5 lbs)
Dimension	1640×992×40mm
Front Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Max Load	5400 Pascals ( 112 lb/ft <sup>2</sup> )
Junction Box	IP65
Cable/Connector	900mm /MC4 Compatible



**PHYSICAL CHARACTERISTICS**



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

\*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.