



POLY SOLAR MODULE 156

180W-200W



Product Specification

Type Of Module	SS-180WP	SS-190WP	SS200WP
Maximum Power	180	190	200
Tolerance(%)	±3 %	±3 %	±3 %
Open Circuit Voltage (V)	29.2	29.5	29.8
Short Circuit Current (A)	8.14	8.37	8.91
Maximum Power Voltage	23.8	24.2	24.8
Maximum Power Current (A)	7.56	7.85	8.06
Module Efficiency (%)	15.2	15.6	16.0
Solar Cell Efficiency (%)	16.3	16.5	16.8
Series Fuse Rating (A)	15	15	15
Terminal Box	I P65	I P65	I P65
Maximum system voltage(V)	DC1000	DC1000	DC1000
Operating Temperature	- 40°C - - - 85°C	- 40°C - - - 85°C	- 40°C - - - 85°C
Dimension: (MM)	1320*992*35	1320*992*35	1320*992*35



Product Features

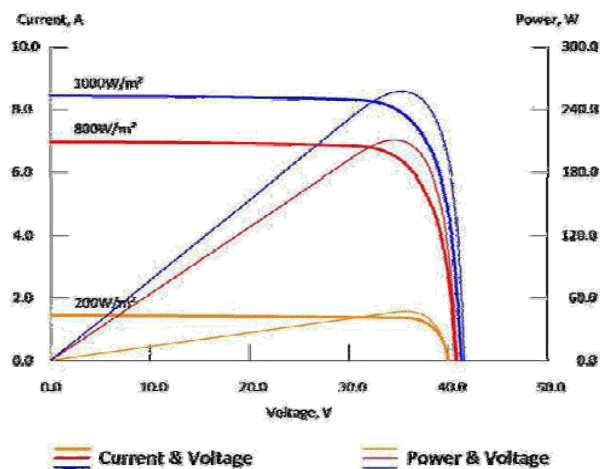
- Bypass diode minimizes the power drop by shade
- The conversion efficiency of solar cell is above 16.5%.
- White tempered glass, EVA resin, weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof. Perfect for grid applications
- Product guarantees 10 years.

Quality assurance

- Electrical Insulation test
- Outdoor exposure test
- Hot-spot endurance test
- UV-exposure
- Thermal cycling test
- Humidity freeze test
- Damp heat Test
- Robustness of terminations test
- Wet leakage current test
- Mechanical load test
- Hail impact test
- Bypass diode thermal test

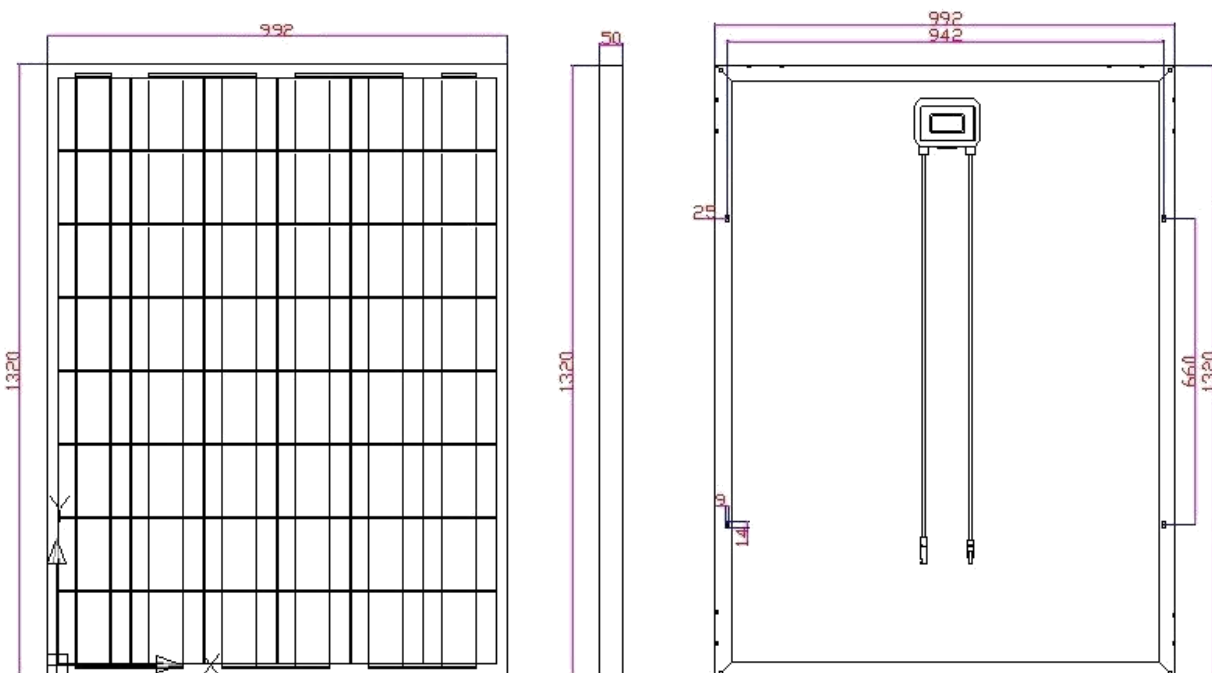
Electrical Characteristics

Current-Voltage & Power-Voltage characteristics various irradiance levels



Electric Performance Typical Performance Characteristics

Short Circuit Current Temperature	mA/C	+2.5
Open Circuit Voltage Temperature	V/C	-.147
Maximum Power Temperature	%/C	-0.4
Performance Warranty : 90%output , 12 years 80%output, 25 years		



Physical Specification

Dimension: 1320*992*35MM

Weight: 14.5.0 KG/PC

2pcs in one carton

Loading capacity

352 pcs/ 20'Container

704 pcs/ 40' Container