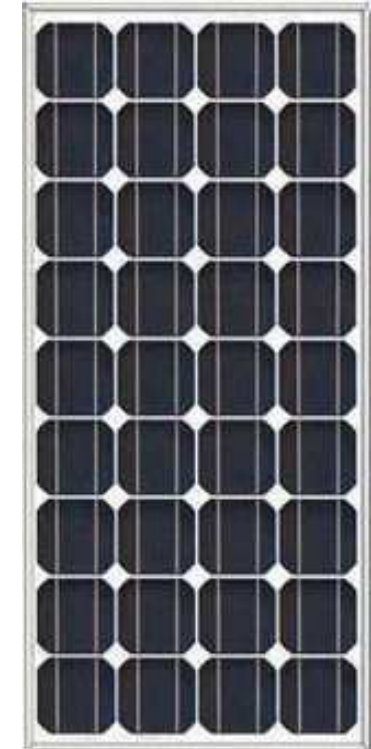


**PRODUCT SPECIFICATION**

Type Of Module	SY-80WM	SY-85WM	SY-90WM	SY-95WM	SY-100WM
Maximum Power (W)	80	85	90	95	100
Tolerance (%)	± 3%	± 3%	± 3%	± 3%	± 3%
Open Circuit Voltage (V)	21.8	22	22	22	22.5
Short Circuit Current (A)	5	5.1	5.38	5.71	5.6
Maximum Power Voltage (V)	17.5	18	18	18	18.5
Maximum Power Current (A)	4.6	4.73	5	5.28	5.4
Module Efficiency (%)	12.2	13	13.77	14.54	15.3
Solar Cell Efficiency (%)	15	16	16.82	17.76	18.69
Series Fuse Rating (A)	15	15	15	15	15
Terminal Box	IP65	IP65	IP65	IP65	IP65
Maximum system voltage (V)	DC1000	DC1000	DC1000	DC1000	DC1000
Operating Temperature(°C)	-40°C ---85°C	-40°C ---85°C	-40°C ---85°C	-40°C ---85°C	-40°C ---85°C



**PRODUCT FEATURE**

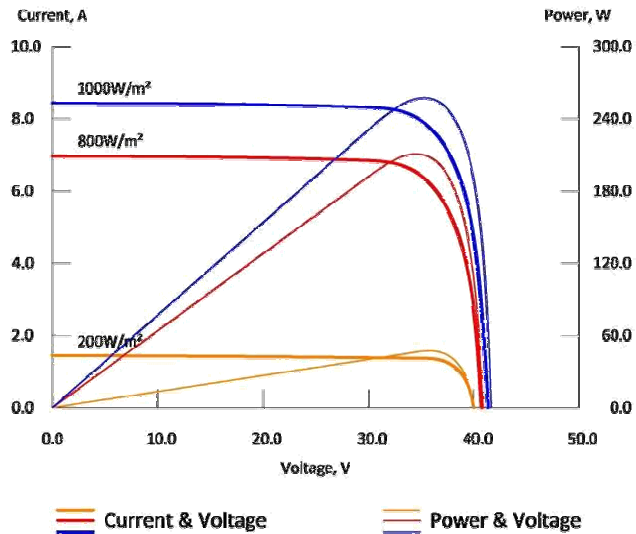
- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 16.8%.
- 3.2mm White tempered glass,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 5 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 tes
- 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 Coefficient	mA/C	+2.5
Open Circuit Voltage Temperature Coefficient	V/C	-0.147
Maximum Power Temperature Coefficient	%/C	-0.4
Performance Warranty : 90%output , 12 years 80%output, 25 years		

## Physical Specifications

Dimension: 1210\*540\*35MM

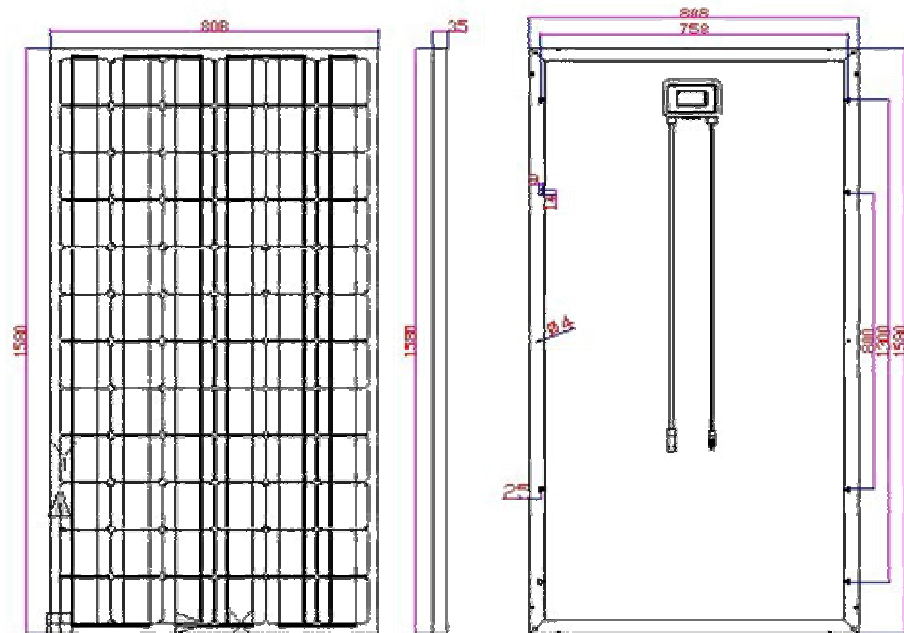
Weight: 8.2KG/PCS

Packing : 2pcs in one carton

### Loading Capacity:

648 pcs/ 20'Container

1458 pcs/ 40' Container



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