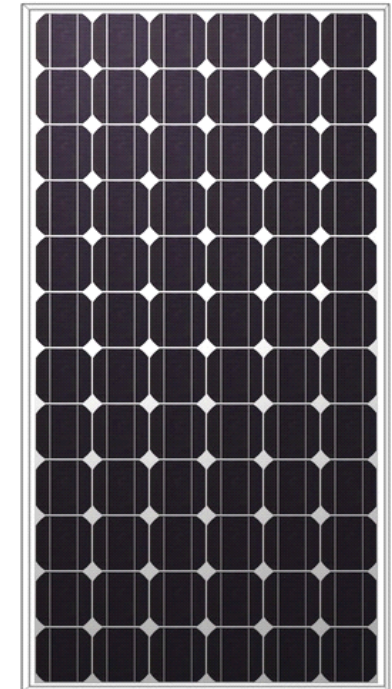


PRODUCT SPECIFICATION

Type Of Module	SY-130WM	SY-140WM	SY-150WM	SY-160WM
Maximum Power (W)	130	140	150	160
Tolerance (%)	± 3%	± 3%	± 3%	± 3%
Open Circuit Voltage (V)	21.7	22.2	22.5	44.1
Short Circuit Current (A)	8.2	8.4	8.54	4.85
Maximum Power Voltage (V)	17.5	18	18.5	36
Maximum Power Current (A)	7.4	7.78	8.1	4.44
Module Efficiency (%)	14.1	14.1	14.5	14.5
Solar Cell Efficiency (%)	17.5	17.5	17.8	17.8
Series Fuse Rating (A)	15	15	15	15
Terminal Box	IP65	IP65	IP65	IP65
Maximum system voltage (V)	DC1000	DC1000	DC1000	DC1000
Operating Temperature(°C)	-40°C ---85°C	-40°C ---85°C	-40°C ---85°C	-40°C ---85°C
Dimension: (MM)	1210*808*35	1210*808*35	1210*808*35	1344*808*35



PRODUCT FEATURE

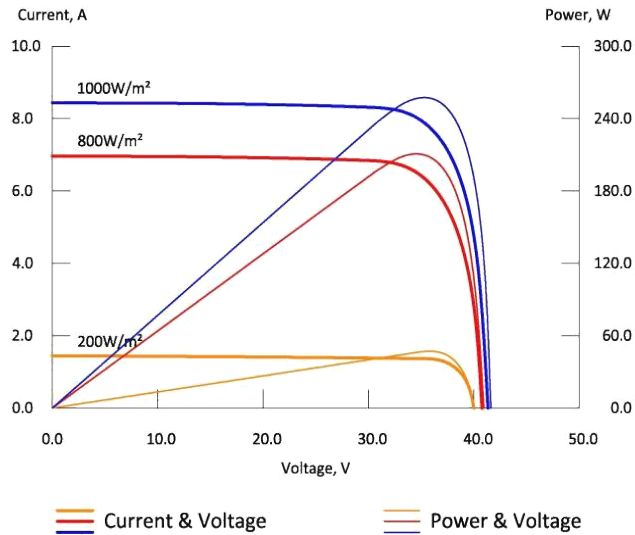
- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 16.8%.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- 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 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 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

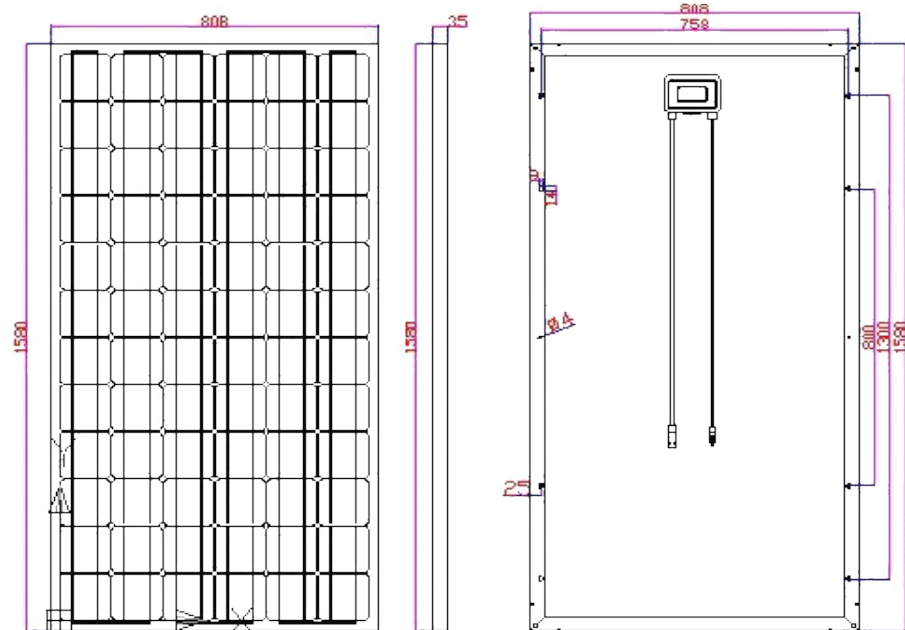
Weight: 8.2KG/PCS

Packing : 2pcs in one carton

Loading Capacity:

648 pcs/ 20'Container

1458 pcs/ 40' Container



SHENZHEN SUOYANG NEW ENERGY CO.,LTD.

ADD.: No.5 Building,Juhui Mold Industrial area,Tianliao Road,Guangming New Districte ,Shenzhen ,China

Tel:+86- 755 3369 9192

Fax: +86-755 3369 9194

Website: www.szuoyang.com

Email: nicole@szsuoyang.com.cn

