



## MONO SOLAR MODULE 125' 180W - 200W



### PRODUCT SPECIFICATION

Type Of Module	SY-180WM	SY-185WM	SY-190WM	SY-195WM	SY-200WM
Maximum Power (W)	180	185	190	195	200
Tolerance (%)	± 3%	± 3%	± 3%	± 3%	± 3%
Open Circuit Voltage (V)	44.2	44.5	45.0	46.0	46.5
Short Circuit Current (A)	5.45	5.55	5.58	5.6	5.62
Maximum Power Voltage (V)	36.2	36.5	36.8	37	37.2
Maximum Power Current (A)	4.97	5.07	5.16	5.27	5.38
Module Efficiency (%)	14.1	14.5	14.9	15.3	15.7
Solar Cell Efficiency (%)	16.5	17	17.4	18.3	18.4
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(@)	-40@ ---85@	-40@ ---85@	-40@ ---85@	-40@ ---85@	-40@ ---85@

### PRODUCT FEATURE

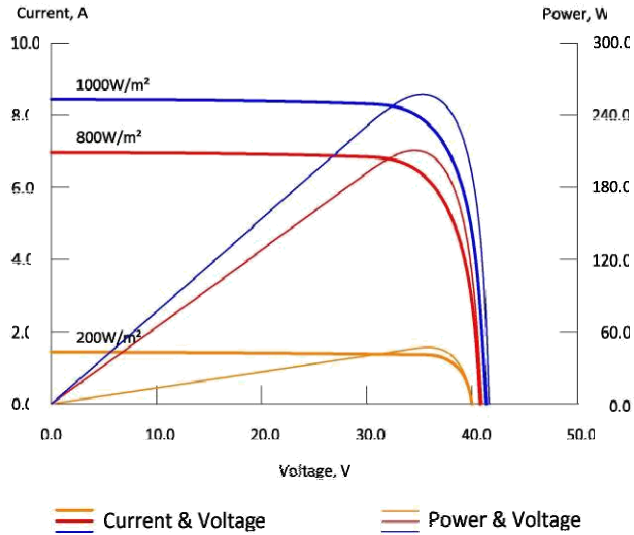
- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 16.8%.
- White tempered glass ,EVA resin, weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof and perfect for grid applications.
- 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: 1580\*808\*35MM

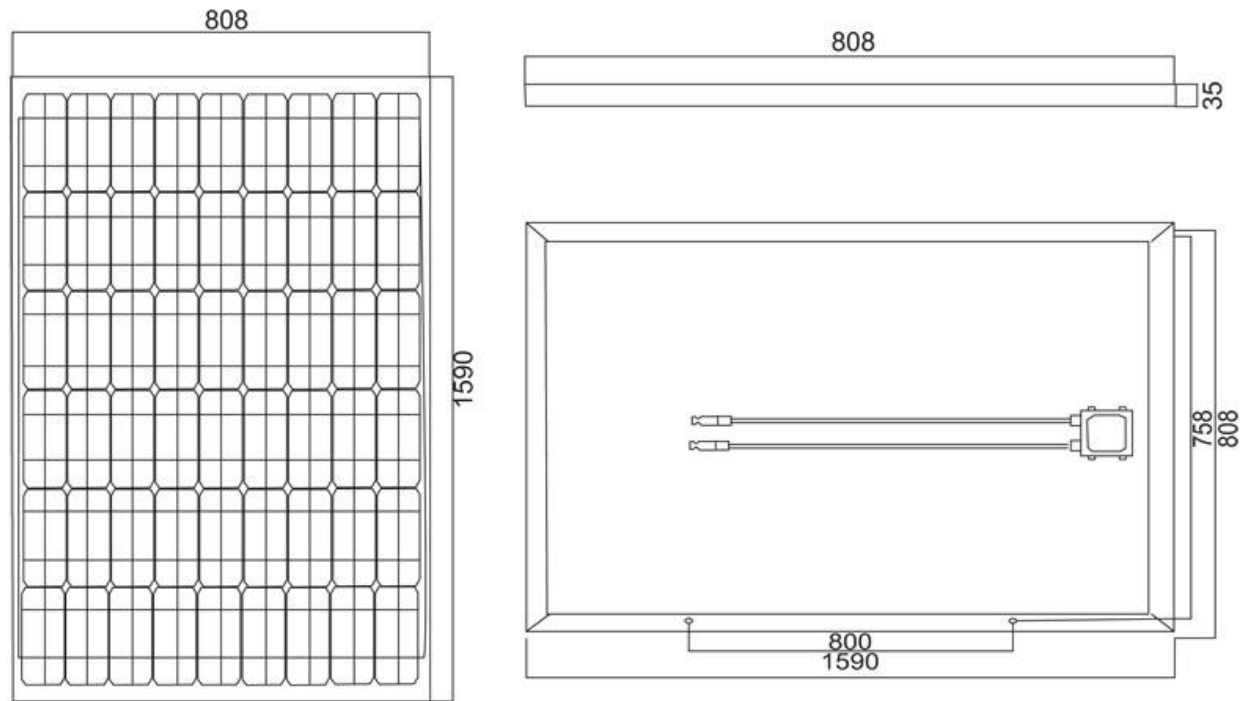
Weight: 14.5KG/PCS

Packing: 2pcs in one carton

### Loading Capacity:

376 pcs/ 20' Container

812 pcs/ 40' Container



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