



MONOSOLAR MODULE 125' 100W

PRODUCT SPECIFICATION

Type Of Module	SY-100WM
Maximum Power (W)	100
Tolerance (%)	± 3%
Open Circuit Voltage (V)	22.5
Short Circuit Current (A)	5.6
Maximum Power Voltage (V)	18.5
Maximum Power Current (A)	5.4
Module Efficiency (%)	15.3
Solar Cell Efficiency (%)	18.4
Series Fuse Rating (A)	15
Terminal Box	IP65
Maximum system voltage (V)	DC1000
Operating Temperature(@)	-40@ ---85@



PRODUCT FEATURE

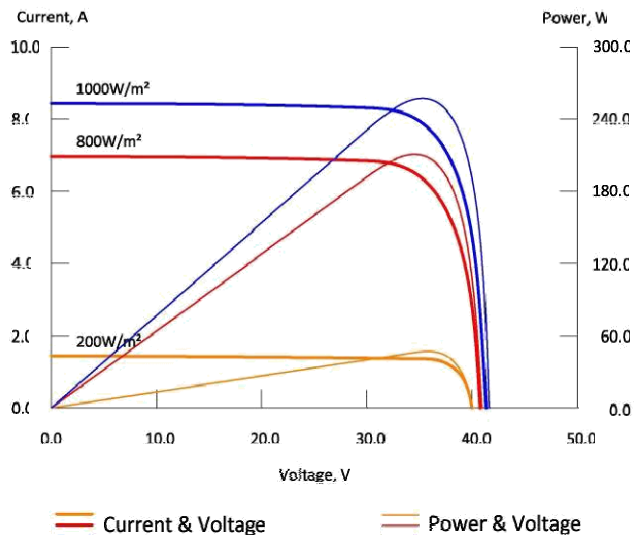
- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 16.8%.
- White tempered glass, EVA resin, weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof and perfect for grid applications.
- 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: 1210*540*35MM

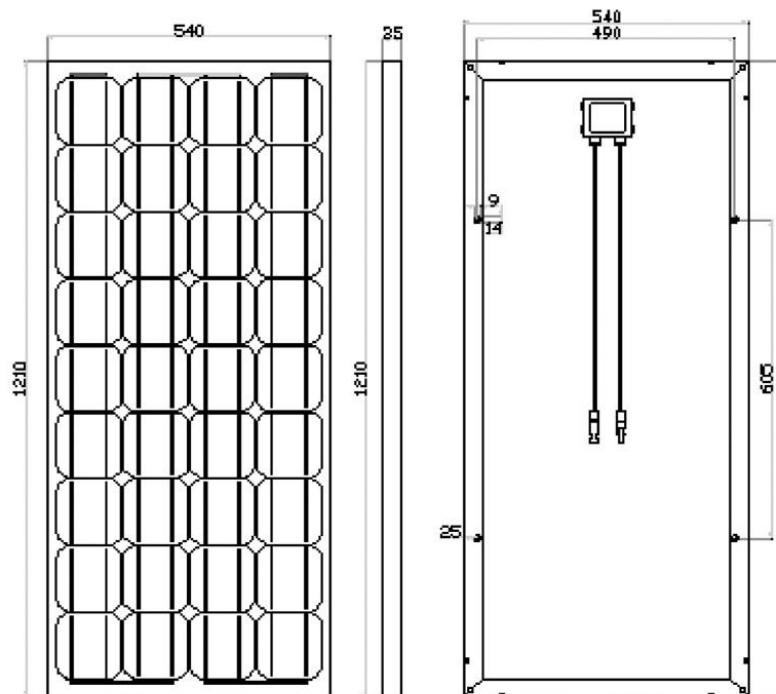
Weight: 9KG/PCS

Packing: 2pcs in one carton

Loading Capacity:

648 pcs/ 20' Container

1458 pcs/ 40' Container



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