



MONO SOLAR MODULE 125' 160W

Product Specifications

Type Of Module	SY-160WM
Maximum Power (W)	160
Tolerance (%)	± 3%
Open Circuit Voltage (V)	44.1
Short Circuit Current (A)	4.85
Maximum Power Voltage (V)	36
Maximum Power Current (A)	4.44
Module Efficiency (%)	14.7
Solar Cell Efficiency (%)	17.4
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.

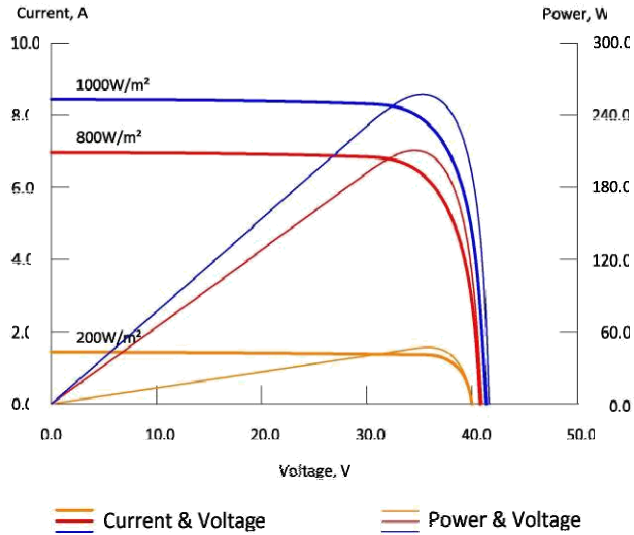


Quality Assurance

- 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



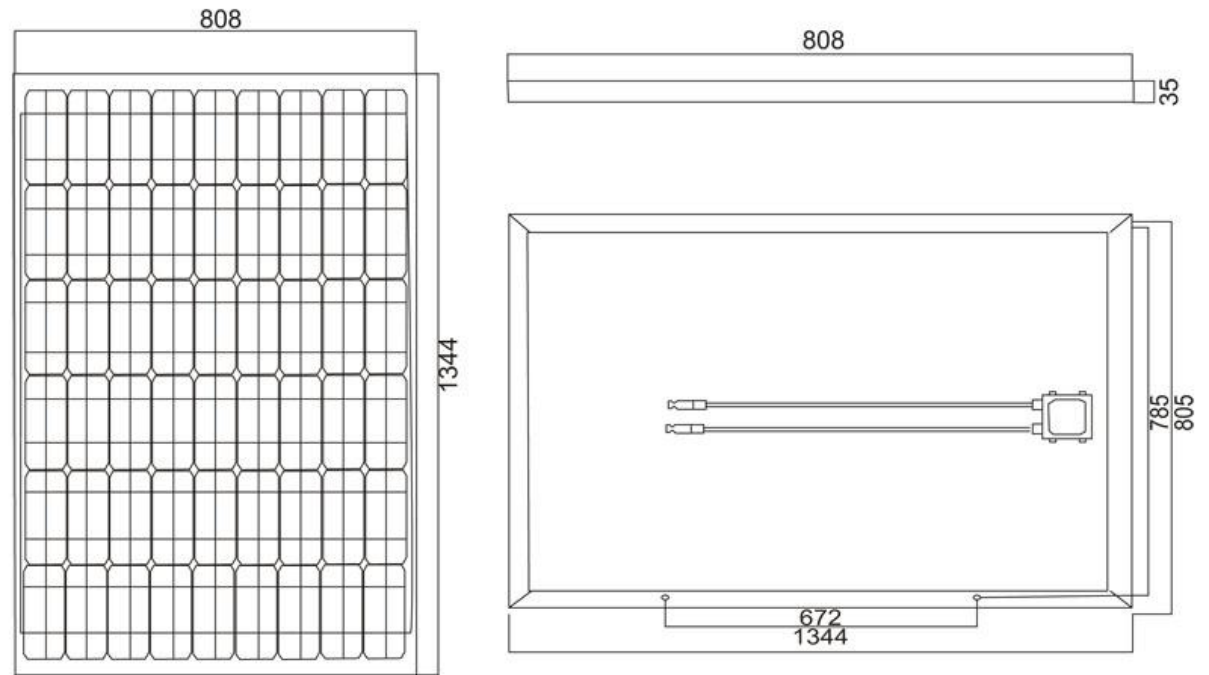
Electric Performance Typical Performance Characteristics		
Short Circuit Current Temperature Coefficient	mA/C	+2.5
Open Circuit Voltage Temperature Coefficient	V/C	-0.147
Maximum Power Temperature Coefficient	%/C	-0.4
Performance Warranty : 90%output , 12 years 80%output, 25 years		

Physical Specifications

Dimension: 1344*808*35MM

Weight: 12.5KG/PCS

Packing: 2pcs in one carton



JCI Solar

Tel: +27 (021) 552 3394

Fax: +27 (021) 552 3794

Email: info@jcisolar.co.za

