



## MONO SOLAR MODULE 125' 80W

### PRODUCT SPECIFICATION

Type Of Module	SY-80WM
Maximum Power (W)	80
Tolerance (%)	± 3%
Open Circuit Voltage (V)	21.8
Short Circuit Current (A)	5
Maximum Power Voltage (V)	17.5
Maximum Power Current (A)	4.6
Module Efficiency (%)	12.2
Solar Cell Efficiency (%)	14.7
Series Fuse Rating (A)	15
Terminal Box	IP65
Maximum system voltage (V)	DC1000
Operating Temperature(@)	-40@ ---85@



### Product Feature

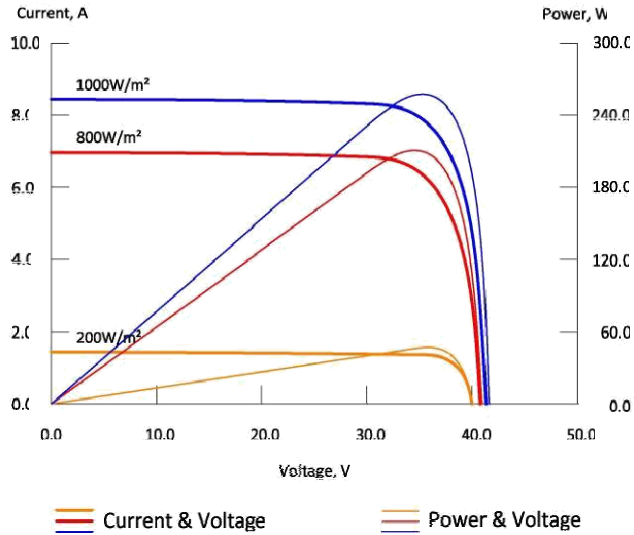
- White tempered glass, EVA resin, weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof and perfect for grid applications.
- Product guarantee: 5 years.
- Bypass diode minimizes the power drop by shade.

### Quality Assurance

- Outdoor exposure test
- Hot-spot endurance test
- UV-exposure
- Thermal cycling test
- Humidity freeze test
- Electrical Insulation test
- Robustness of terminations test
- Wet leakage current test
- Mechanical load test
- Hail impact test
- Bypass diode thermal test
- Damp heat 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

Dimensions: 1110\*540\*35

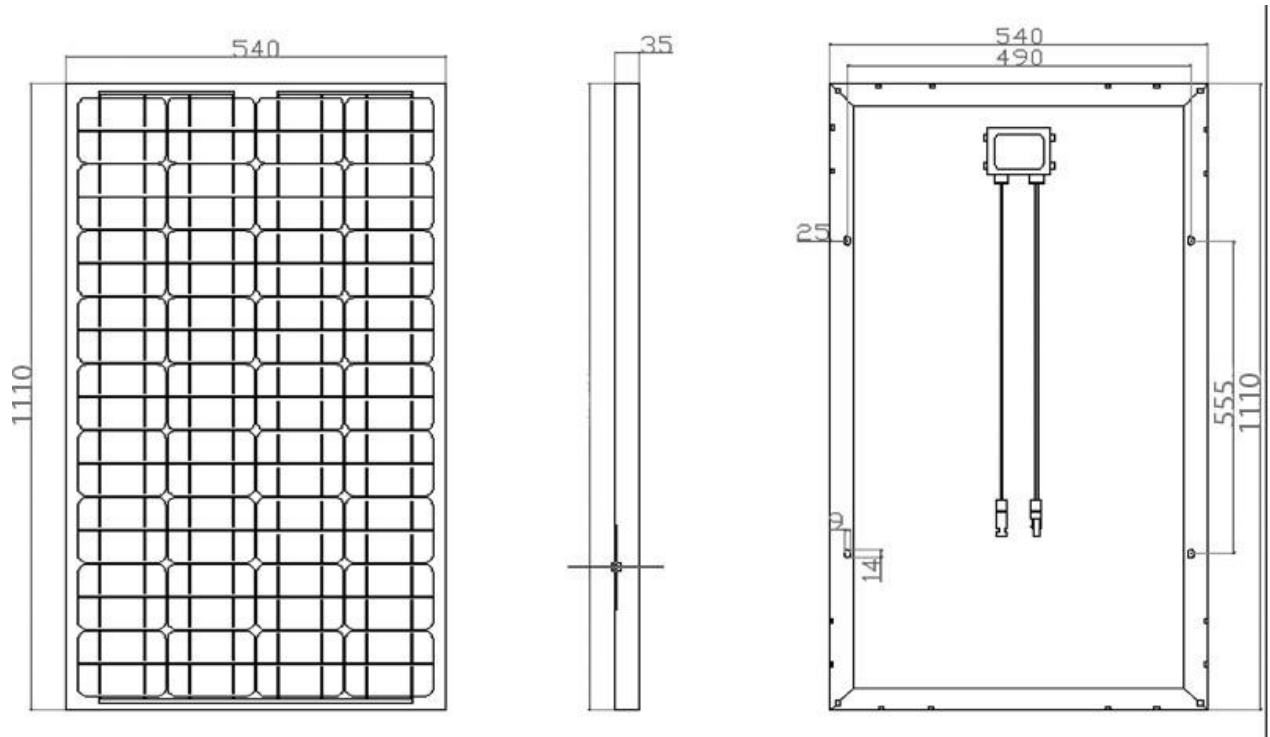
Weight: 8.5KG/PCS

Packing: 2pcs in one carton

### Loading Capacity:

692pcs/ 20' Container

1620pcs/ 40' Container



**JCI Solar**

Tel: +27 (021) 552 3394

Fax: +27 (021) 552 3794

Email: info@jcisolar.co.za