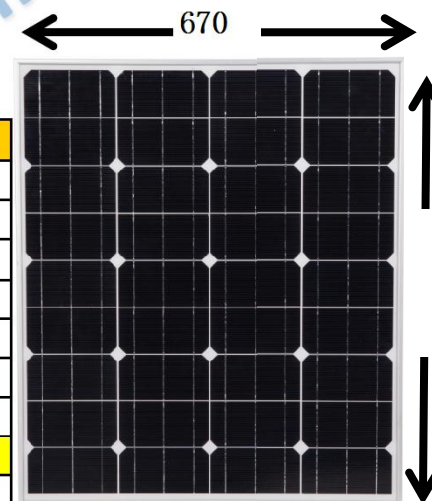


SPECIFICATION OF 80W,90W MONO SOLAR MODULE

PRODUCT SPECIFICATION

Type Of Module				JCN-M80	JCN-M90
Maximum Power (W)				80	90
Tolerance (%)				± 3%	± 3%
Open Circuit Voltage (V)				22.5	22.5
Maximum Power Voltage (V)				17.96	17.96
Maximum Power Current (A)				4.45	5.01
Short Circuit Current (A)				4.9	5.5
Module Efficiency (%)				15.8	17.7
Solar Cell Efficiency (%)				19.6	21.1
Series Fuse Rating (A)				15	15
Terminal Box				IP65	IP65
Maximum system voltage (V)				DC1000	DC1000
Operating Temperature(°C)				-40°C ---85°C	-40°C ---85°C



PRODUCT FEATURE

- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 19.6%.
- 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.

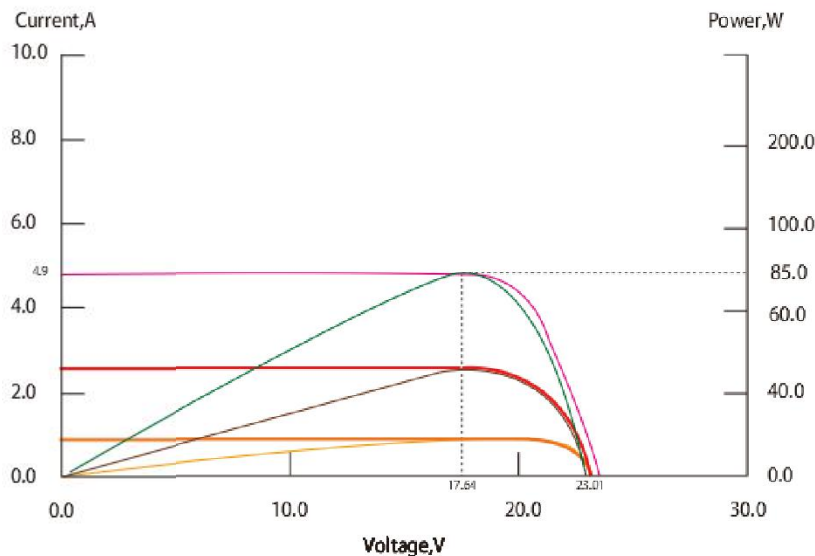
Quality Assurance

- 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: 758*670*30*25mm

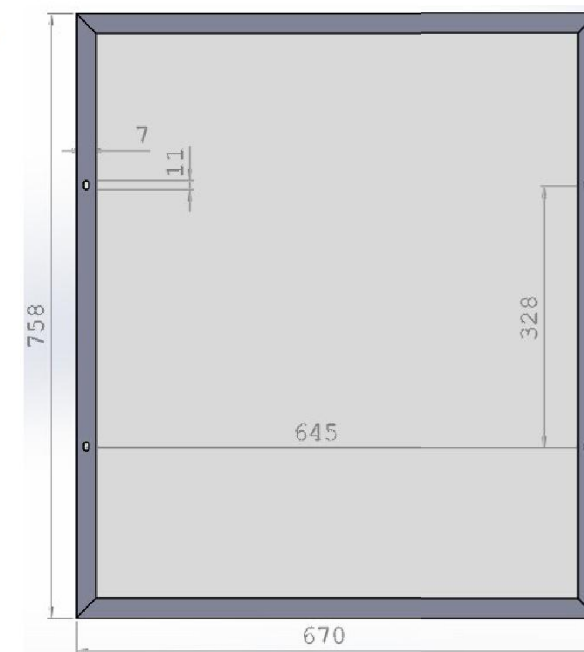
Weight: 6.5Kg

Packing :

Loading Capacity:

200pcs/ 20'Container

440 pcs/ 40' Container



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