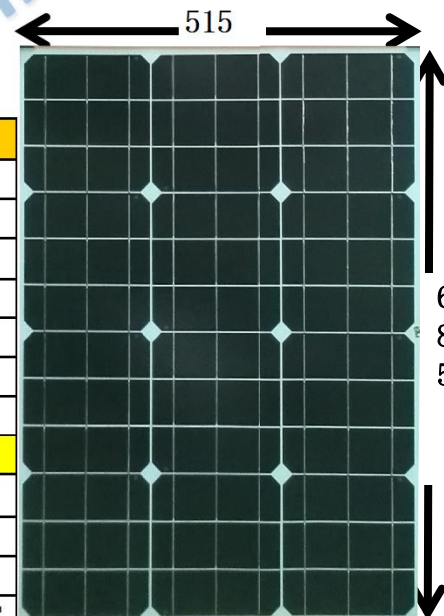


SPECIFICATION OF 50W,55W MONO SOLAR MODULE

PRODUCT SPECIFICATION

Type Of Module				JCN-M50	JCN-M55
Maximum Power (W)				50	55
Tolerance (%)				± 3%	± 3%
Open Circuit Voltage (V)				22.5	21.96
Maximum Power Voltage (V)				17.96	17.57
Maximum Power Current (A)				2.78	3.13
Short Circuit Current (A)				3.1	3.8
Module Efficiency (%)				14.2	15.6
Solar Cell Efficiency (%)				18.4	20.2
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 18.4%.
- 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.

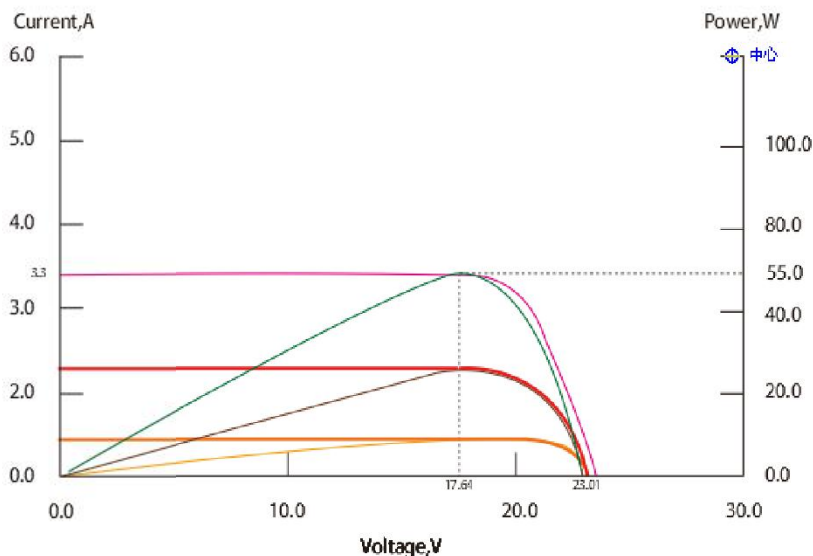
Quality Assurance

- 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: 685*515*30*25mm

Weight: 4.1KG/PCS

Packing : 2pcs in one carton

Loading Capacity:

200pcs/ 20'Container

440 pcs/ 40' Container



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