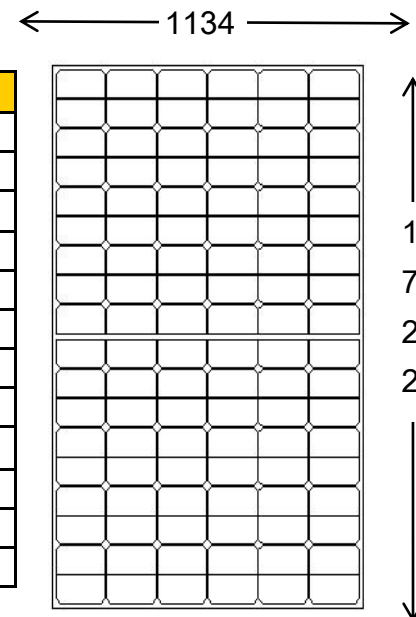




SPECIFICATION OF 410W 415W 420w MONO SOLAR MODULE

PRODUCT SPECIFICATION

Type Of Module		JCN-M410	JCN-M415	JCN-M420
Maximum Power (W)		410	415	420
Tolerance (%)		± 3%	± 3%	± 3%
Open Circuit Voltage (V)		37.15	37.15	38.3
Maximum Power Voltage (V)		30.96	31.2	31.35
Maximum Power Current (A)		13.25	13.31	13.42
Short Circuit Current (A)		14.31	14.42	14.52
Module Efficiency (%)		20.8	20.9	21
Solar Cell Efficiency (%)		23.4	23.6	24.4
Series Fuse Rating (A)		20	20	20
Terminal Box		IP67	IP67	IP67
Maximum system voltage (V)		DC1500	DC1500	DC1500
Operating Temperature(°C)		-40°C ---85°C	-40°C ---85°C	-40°C ---85°C



PRODUCT FEATURE

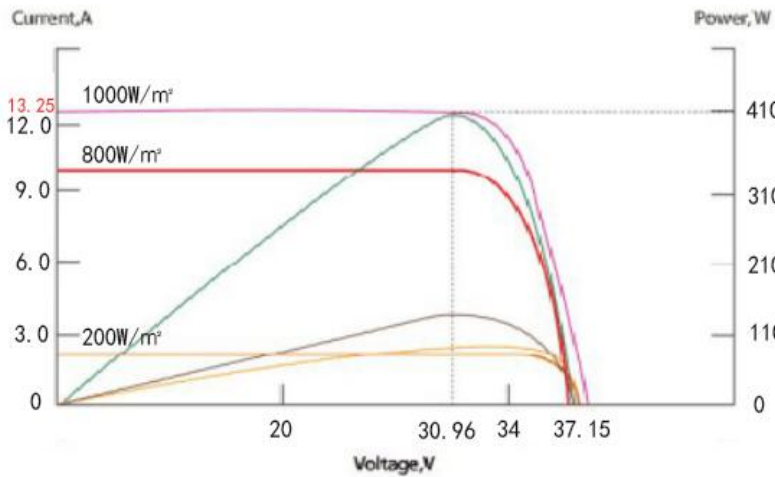
- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 23%.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 10 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	0.052%
Open Circuit Voltage Temperature Coefficient	V/C	-0.300%
Maximum Power Temperature Coefficient	%/C	-0.400%
Performance Warranty : 90%output , 12 years 80%output, 25 years		

Physical Specifications

Size:1722*1134*30MM

Weight: 25KG/PCS

Packing : 36pcs/pallet

Pallet size:1754*1125*1270mm

Loading Capacity:

936 pcs/ 40' Container

