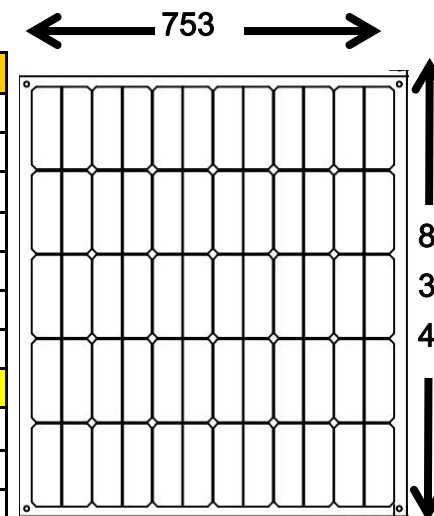




SPECIFICATION OF 100W MONO SOLAR MODULE

PRODUCT SPECIFICATION

Type Of Module	JCN-M100			
Maximum Power (W)功率	100			
Tolerance (%)正负公差	± 7%			
Open Circuit Voltage (V)开路电压	37.5			
Maximum Power Voltage (V)工作电压	29.93			
Maximum Power Current (A)工作电流	3.34			
Short Circuit Current (A)短路电流	3.7			
Module Efficiency (%)组件转换率	15.9			
Solar Cell Efficiency (%)电池片转换率	20.2			
Series Fuse Rating (A)保险丝等级	10			
Terminal Box 接线盒防水等级	IP63			
Maximum system voltage (V) 系统耐压	DC1000			
Operating Temperature(°C)工作温度范围	-40°C ---85°C			



PRODUCT FEATURE

- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 20.2%.
- PET, EVA resin, weather proof film to provide efficient protection from the severest environmental conditions.
- Anodic aluminum oxide plate

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



Physical Specifications

Dimension: 834*753*5mm

Weight: 1.5KG/PCS

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



SHENZHEN JCN NEW ENERGY CO.,LTD.
Add 1: No.5, Dayang Road, 2nd Industry Zone, Yulv community, Gongming Street, Guangming New District, Shenzhen
Add 2: Buildings 6, CSST Industrial Park, Gongchang Rd., Zhenmei Village, Guangming New District, Shenzhen, Guangdong
China

Tel: +86- 755 27094995 -8020 Fax: +86-755 27164829
Website: www.jcnsolar.com www.jcnsolar.com.cn Email: lucky@jcnsolar.com.cn