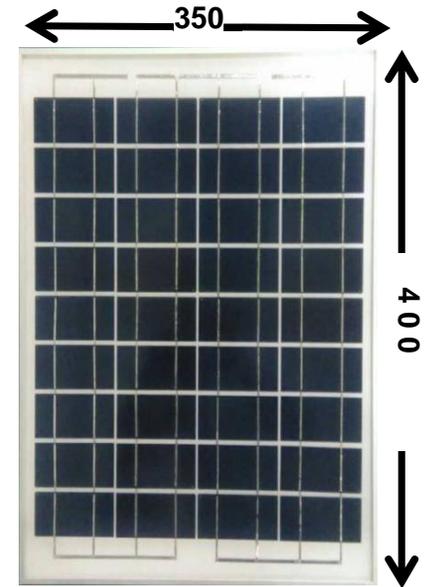




## SPECIFICATION OF 18V20W POLY SOLAR MODULE

### PRODUCT SPECIFICATION

Type Of Module			JCN-P20
Maximum Power (W) 功率			20
Tolerance (%) 正负公差			± 3%
Open Circuit Voltage (Voc) 开路电压			22,03
Maximum Power Voltage (Vmp) 工作电压			18,36
Maximum Power Current (Imp) 工作电流			1,09
Short Circuit Current (Isc) 短路电流			1,18
Module Efficiency (%) 组件转换率			12,3
Solar Cell Efficiency (%) 电池片转换率			17
Series Fuse Rating (A) 保险丝等级			5
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 17%.
- White tempered glass, EVA resin, weather proof film and anodized aluminium frame to provide efficient protection from the severest environmental conditions.
- Waterproof. Perfect for grid applications.
- Product guarantee 5 years.

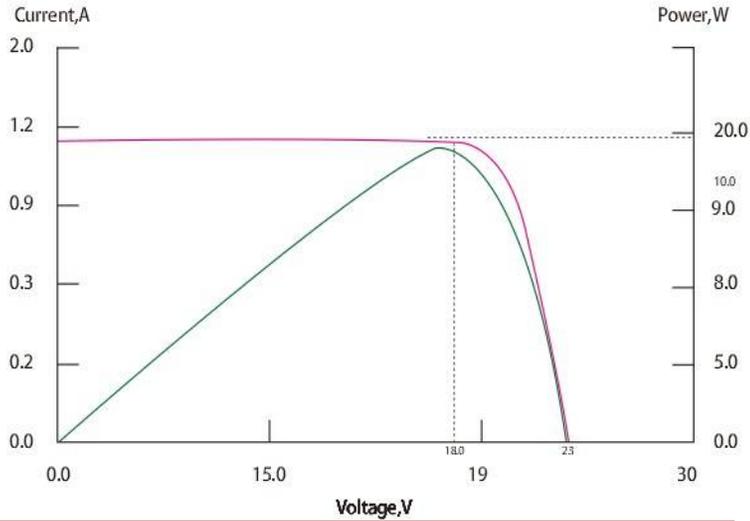
### Quality Assurance

- 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: 465\*350\*17mm

Weight: 2KG/PCS

Packing: pcs in one carton

### Loading Capacity:

pcs/ 20' Container

pcs/ 40' Container

