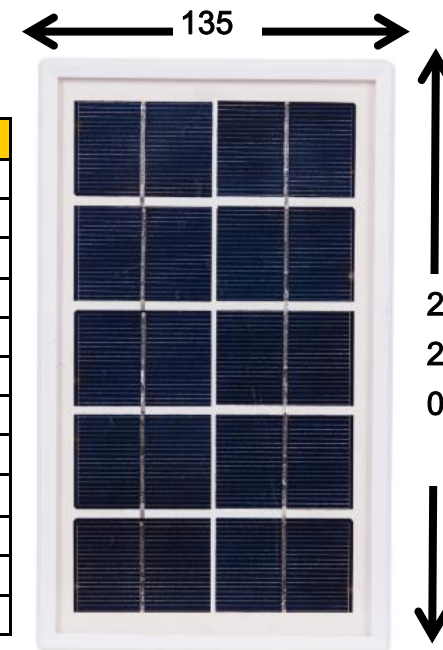




## SPECIFICATION OF 5V3W POLY SOLAR MODULE

### PRODUCT SPECIFICATION

Type Of Module		JCN-P03
Maximum Power (W)功率		3
Tolerance (%)正负公差		± 3%
Open Circuit Voltage (V)开路电压		6.25
Maximum Power Voltage (V)工作电压		4.99
Maximum Power Current (A)工作电流		0.6
Short Circuit Current (A)短路电流		0.7
Module Efficiency (%)组件转换率		10.1
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		IP65
Maximum system voltage (V) 系统耐压		DC1000
Operating Temperature(°C)工作温度范围		-40°C ---85°C



### PRODUCT FEATURE

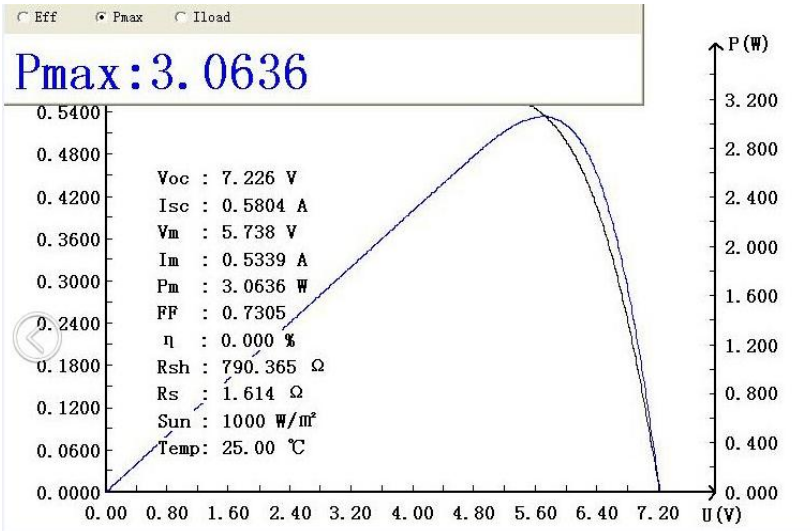
- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 17%.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- 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



### 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: 220\*135\*19mm

Weight: 0.5KG/PCS

Packing : pcs in one carton

### Loading Capacity:

pcs/ 20'Container

pcs/ 40' Container

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