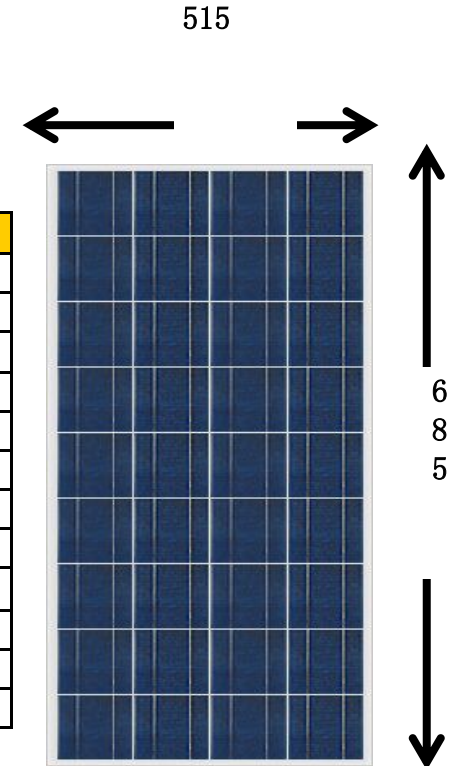




SPECIFICATION OF 45W,50W POLY SOLAR MODULE

PRODUCT SPECIFICATION

Type Of Module	AE40P(36)	AE50P(36)
Maximum Power (W) 功率	45	50
Tolerance (%) 正负公差	± 3%	± 3%
Open Circuit Voltage (V) 开路电压	21.96	21.96
Maximum Power Voltage (V) 工作电压	17.57	17.57
Maximum Power Current (A) 工作电流	2.56	2.85
Short Circuit Current (A) 短路电流	3.1	3.4
Module Efficiency (%) 组件转换率	12.8	14.2
Solar Cell Efficiency (%) 电池片转换率	15.4	17.1
Series Fuse Rating (A) 保险丝等级	10	10
Terminal Box 接线盒防水等级	IP65	IP65
Maximum system voltage (V) 系统耐压	DC1000	DC1000
Operating Temperature(°C) 工作温度范围	-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 15.4%.
- 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.

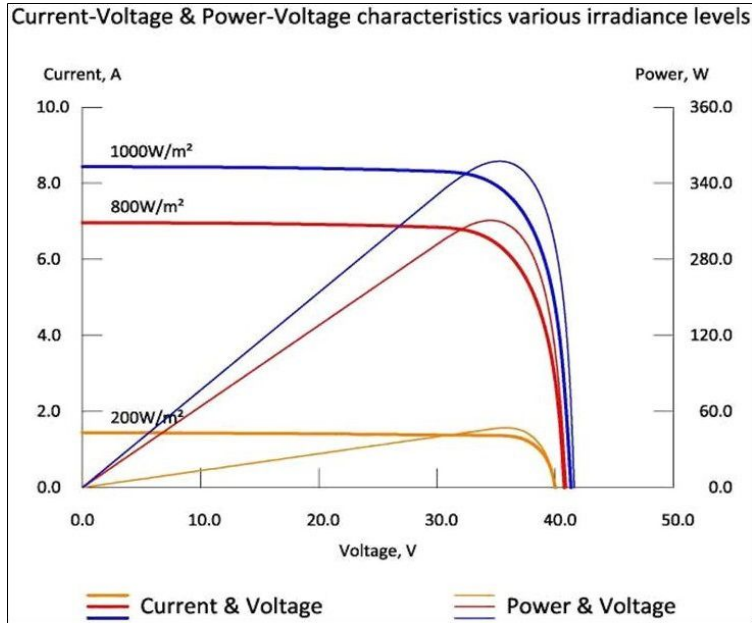
Quality Assurance

- 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

● Product guarantee 5 years.



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: 685*515*30*25mm

Weight:4.6KG/PCS

Packing : 2pcs in one carton

Loading Capacity:

1800pcs/ 20'Container

3800 pcs/ 40' Container

ATONE NEW ENERGY LIMITED

Add:Industrial Zone, changzhou city, Jiangsu province.China.

Website:www.atoneenergy.com, Email:atone@atoneenergy.com Contact:Tel:86 519 8309070 Fax:86 519 83090702

Mobile Phone/What's up:86 138 135 46477

Skype:.sammy2008.cool

