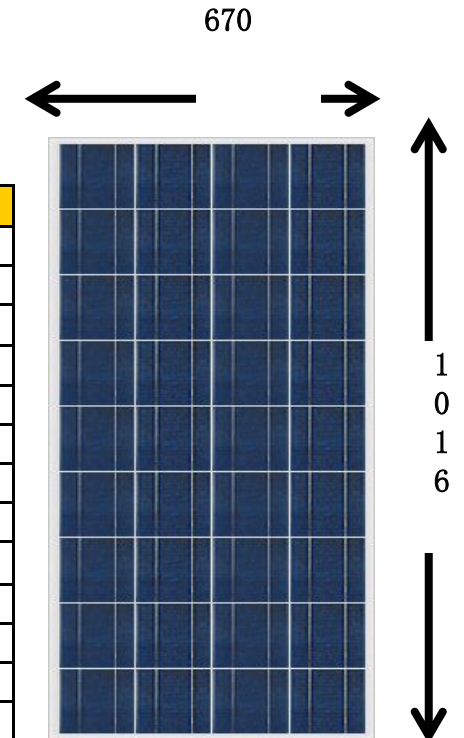




SPECIFICATION OF 80W 90W 100W POLY SOLAR MODULE

PRODUCT SPECIFICATION

Type Of Module	AE80P(36)	AE90P(36)	AE100P(36)
Maximum Power (W) 功率	80	90	100
Tolerance (%) 正负公差	± 3%	± 3%	± 3%
Open Circuit Voltage (V) 开路电压	21.41	21.68	21.96
Maximum Power Voltage (V) 工作电压	17.7	17.82	18
Maximum Power Current (A) 工作电流	4.51	5.05	5.56
Short Circuit Current (A) 短路电流	6.4	6.65	6.7
Module Efficiency (%) 组件转换率	14.31	14.7	15.9
Solar Cell Efficiency (%) 电池片转换率	16.2	16.7	17.1
Series Fuse Rating (A) 保险丝等级	10		
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		
Dimension: 尺寸	1016*670*30*25mm		



PRODUCT FEATURE

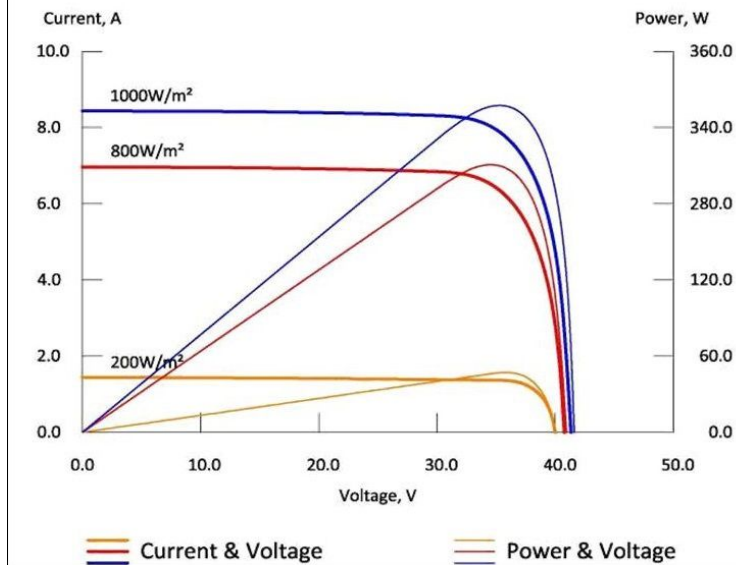
- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 15.5%.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 5 years.

Quality Assurance

- Electrical Insulation test
- Damp heat Test
- Outdoor exposure test
- Robustness of terminations test
- Hot-spot endurance test
- Wet leakage current test
- UV-exposure
- Mechanical load test
- Thermal cycling test
- Hail impact test
- Humidity freeze 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: 1016*670*30*25mm

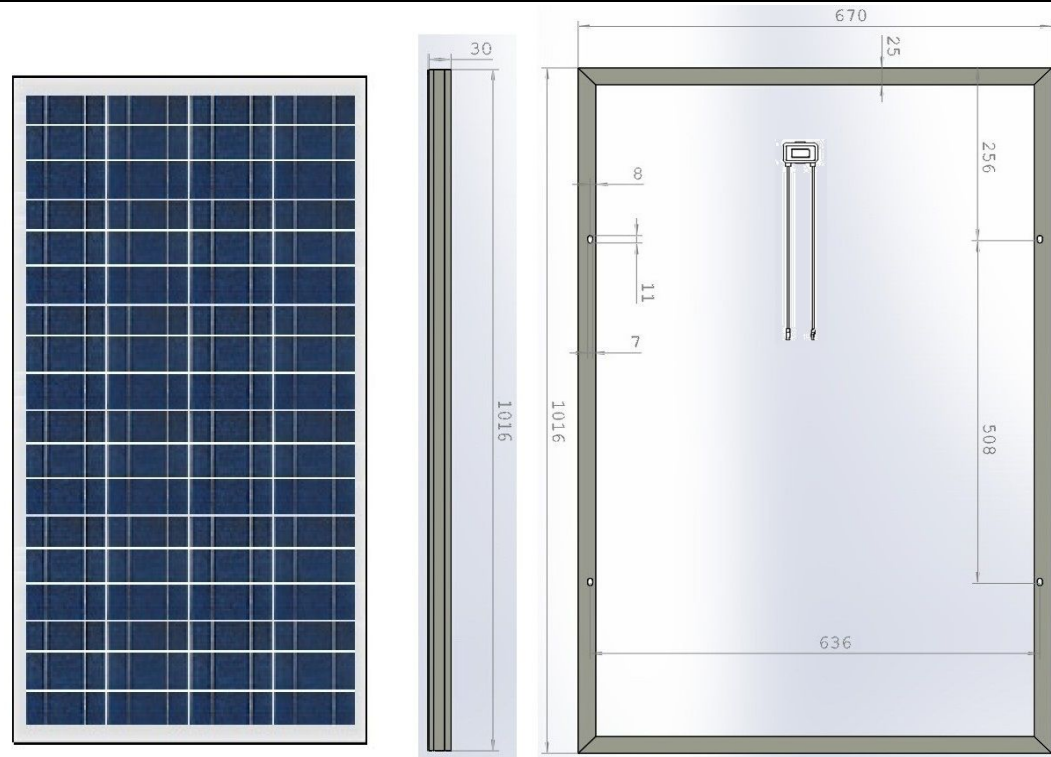
Weight: 7.5KG/PCS

Packing : 2pcs in one carton

Loading Capacity:

950pcs/ 20'Container

2000pcs/ 40' Container



ATONE NEW ENERGY LIMITED