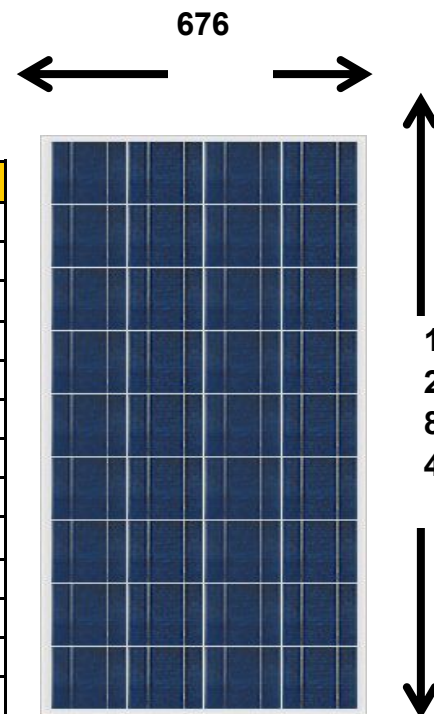




## SPECIFICATION OF 120W,250W,130W POLY SOLAR MODULE

### PRODUCT SPECIFICATION

| Type Of Module                   | AE120WP(36)      | AE125P(36)  | AE130P(36)  |
|----------------------------------|------------------|-------------|-------------|
| Maximum Power (W) 功率             | 120              | 125         | 130         |
| Tolerance (%) 正负公差               | ± 3%             | ± 3%        | ± 3%        |
| Open Circuit Voltage (V) 开路电压    | 21.78            | 22.16       | 22.71       |
| Maximum Power Voltage (V) 工作电压   | 17.75            | 17.97       | 18.288      |
| Maximum Power Current (A) 工作电流   | 6.76             | 6.96        | 7.14        |
| Short Circuit Current (A) 短路电流   | 8.1              | 8.4         | 8.6         |
| Module Efficiency (%) 组件转换率      | 14.91            | 15.32       | 15.6        |
| Solar Cell Efficiency (%) 电池片转换率 | 16.2             | 16.6        | 16.89       |
| Series Fuse Rating (A) 保险丝等级     | 10               | 10          | 10          |
| Terminal Box 接线盒防水等级             | IP65             | IP65        | IP65        |
| Maximum system voltage (V) 系统耐压  | DC1000           | DC1000      | DC1000      |
| Operating Temperature(℃) 工作温度范围  | -40℃ ---85℃      | -40℃ ---85℃ | -40℃ ---85℃ |
| Dimension: 尺寸                    | 1284*676*35*35mm |             |             |



### 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.

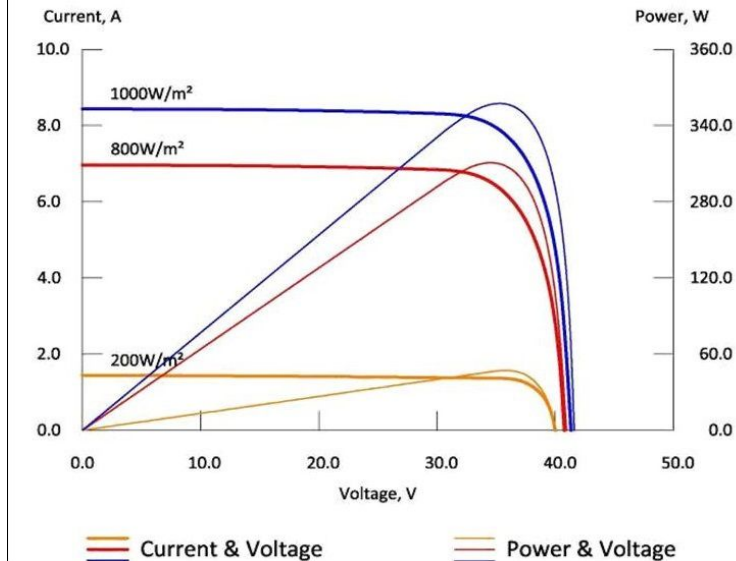
### Quality Assurance

- Electrical Insulation test
- 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



## Physical Specifications

Weight: 11KG/PCS

Packing : 2pcs in one carton

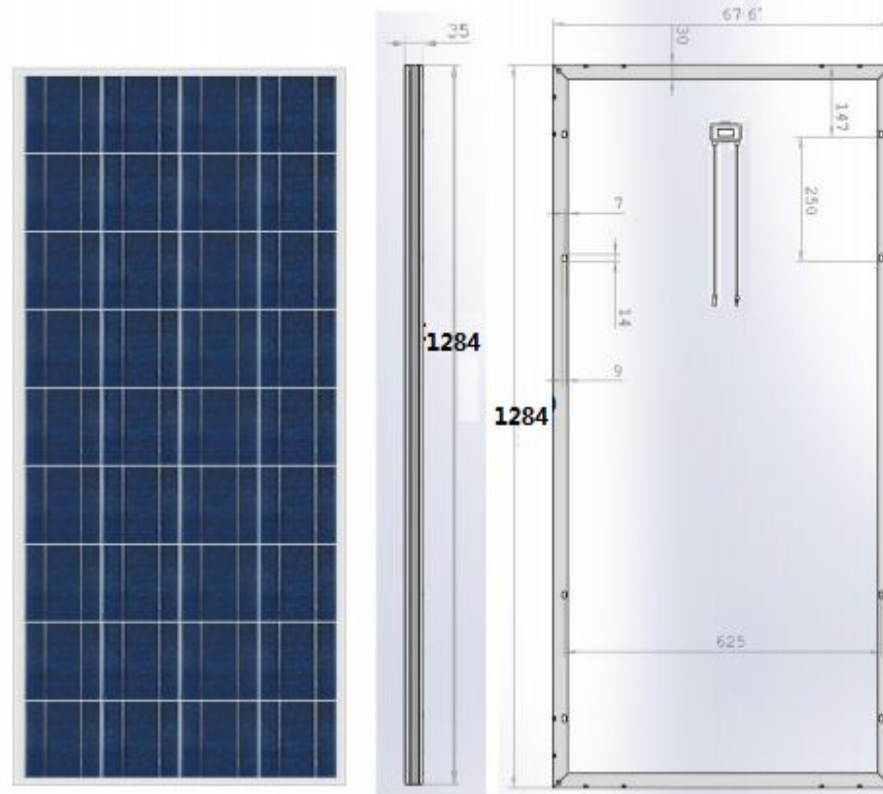
### Loading Capacity:

600pcs/ 20'Container

1400 pcs/ 40' Container

### 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<br>80%output, 25 years |      |        |



### ATONE NEW ENERGY LIMITED

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