



### 36 Cut Cells Polycrystalline PV Module



**20** 20 years Performance Guarantee  
10-YEAR90%Maximum Output  
20-YEAR80%Maximum Output



**5** 5 years Product Warranties  
Leading product quality assurance



**Positive tolerance**  
Positive tolerance of up to 5 W delivers higher output reliability



**Excellent weak light performance**  
More power output in weak light condition, such as haze,cloudy and morning

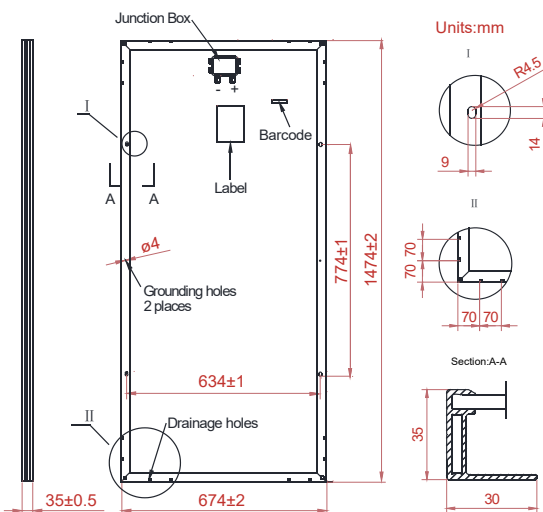


**Certified to withstand**  
wind load (2400 Pascal) and snow load (5400 Pascal)



IEC61215 : 2016  
IEC61730 : 2016

### Engineering Drawings



### Mechanical Specifications

External Dimensions	1474*674*35mm
Weight	11kg
Solar Cells	poly crystalline 156.75*156.75(36pcs)
Front Glass	3.2 mm tempered glass low iron
Frame	Anodized aluminum alloy
Junction Box	IP65
Output Cables	Optional
Connector	Optional
Mechanical Load	5400 Pa

Electrical Characteristics	CST145P6-12	CST150P6-12	CST155P6-12
Maximum Power - Pmax(W)	145	150	155
Open Circuit Voltage - Voc(V)	22.4	22.6	22.8
Short Circuit Current - Isc(A)	8.45	8.64	8.83
Voltage at Pmax-Vmp(V)	18.2	18.4	18.6
Current at Pmax-Imp(A)	7.97	8.15	8.33
Module Efficiency- $\eta$ m(%)	14.60	15.10	15.60
Safety factor	(0,+5)		
Maximum System Voltage(V)	1000		
Maximum Series Fuse Rating(A)	15		

STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5;  
Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

### Packing Configuration

Piled pallet size	1510*1130*800mm
Gross weight per pallet	355kg
Quantity per pallet	30pcs
*Packing configuration can be customized according to customer requirements	

### Temperature Characteristics

Pmax Temperature Coefficient	-0.40%/°C
Voc Temperature Coefficient	-0.32%/°C
Isc Temperature Coefficient	+0.05%/°C
Operating Temperature	-40~85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C