



### 36 Cut Cells Monocrystalline PV Module



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



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



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



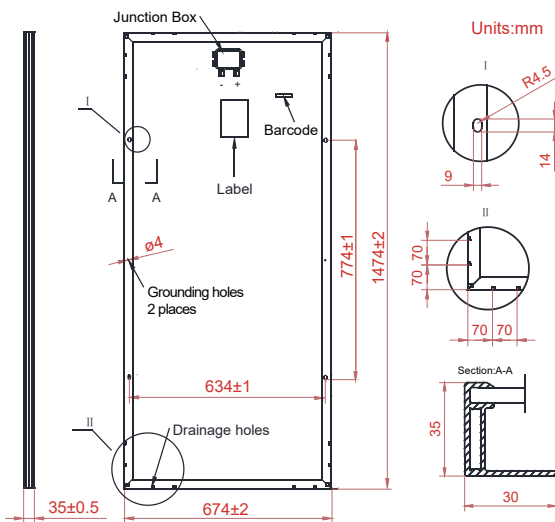
**Excellent weak light performance**  
More power output in weak light condition, such as haze,cloudy and morning



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



### Engineering Drawings



Electrical Characteristics	CST180M6-12	CST185M6-12	CST190M6-12
Maximum Power - Pmax(W)	180	185	190
Open Circuit Voltage - Voc(V)	23.9	24.0	24.1
Short Circuit Current - Isc(A)	9.78	9.95	10.17
Voltage at Pmax-Vmp(V)	19.5	19.7	19.8
Current at Pmax-Imp(A)	9.23	9.39	9.60
Module Efficiency-ηm(%)	18.12	18.62	19.12
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%

### Mechanical Specifications

External Dimensions	1474*674*35mm
Weight	11kg
Solar Cells	mono 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

### 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