

## CST335~360P6-72H

### 72\*2-CELL HALF CUT Polycrystalline Solar Module

Poly 5BB High Efficiency CELL

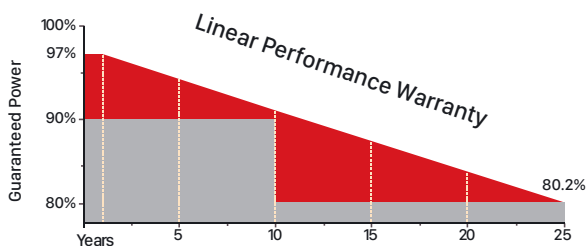


IEC61215 : 2016  
IEC61730 : 2016

**360W**  
Maximum Power Output

**17.9%**  
Maximum Efficiency

**0~+5W**  
Positive Power Tolerance



#### High module conversion efficiency

Achieved high Module efficiency through advanced cell technology and manufacturing capabilities



#### 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)



#### Withstanding harsh environment

Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline



#### High PID resistant

Advanced cell technology and qualified materials lead to high resistance to PID

97.0% in the first year, thereafter, for years two (2) through twenty-five (25), 0.7% maximum decrease from MODULE's nominal power output per year, ending with the 80.2% in the 25th year after the defined WARRANTY STARTING DATE.

- 12-year product warranty
- 25-year linear performance warranty

## Electrical Characteristics

PV module model	CST335P6-72H	CST340P6-72H	CST345P6-72H	CST350P6-72H	CST355P6-72H	CST360P6-72H
Maximum Power - Pmax(W)	335	340	345	350	355	360
Open Circuit Voltage - Voc(V)	46.45	46.70	46.90	47.10	47.30	47.50
Short Circuit Current - Isc(A)	9.32	9.41	9.50	9.58	9.67	9.76
Voltage at Pmax-Vmp(V)	38.30	38.60	38.85	39.10	39.40	39.70
Current at Pmax-Imp(A)	8.75	8.81	8.88	8.95	9.01	9.07
Module Efficiency-ηm(%)	16.65	16.90	17.10	17.40	17.60	17.90

Power Tolerance (0,+5)

Maximum System Voltage(V) 1000/1500

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	2008*1002*40mm
Weight	22.5kg
Solar Cells	Poly 144pcs(156.75*78.38mm) half cell
Front Glass	3.2 mm tempered glass low iron
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , Landscape: N 1300mm/P 1300mm, Portrait: N 150mm/P 300mm
Connector	(Compatible with)MC4
Mechanical Load/front	a:5400pa b:3600pa
Mechanical Load/back	a:2400pa b:1600pa

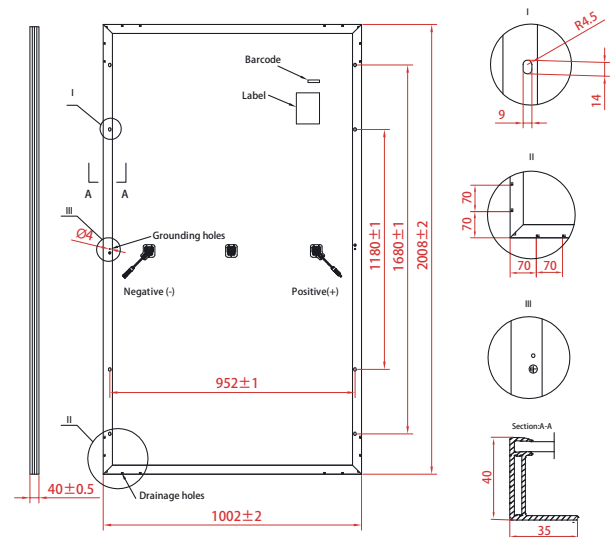
## Packing Configuration

Container	40'GP
Pieces per pallet	26
Pallets per container	22
Pieces per container	572

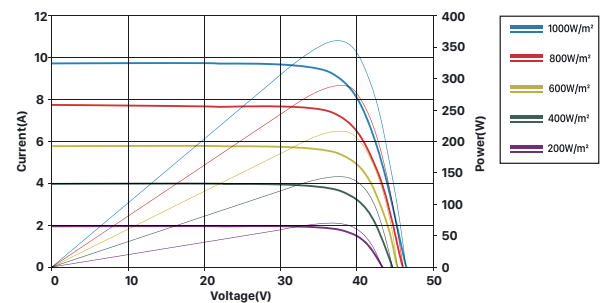
## Temperature Characteristics

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

## Engineering Drawings



## Current-Voltage&Power-Voltage Curve(340W)



## Temperature Dependence of Isc, Voc, Pmax

