

CST320~345M6-60H

60*2-CELL HALF CUT Monocrystalline Solar Module

Rectangular Mono PERC Solar Cell (half)



IEC61215 : 2016

IEC61730 : 2016

345W
Maximum Power Output

20.4%
Maximum Efficiency

0~+5W
Positive Power Tolerance



5BB/9BB Cell

More uniform current collection capability, reducing the current heat loss of the internal cells.



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).



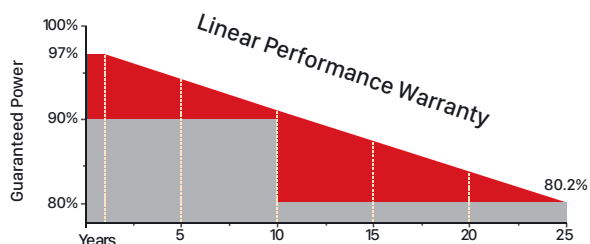
Withstanding harsh environment

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	CST320M6-60H	CST325M6-60H	CST330M6-60H	CST335M6-60H	CST340M6-60H	CST345M6-60H
Maximum Power - Pmax(W)	320	325	330	335	340	345
Open Circuit Voltage - Voc(V)	40.90	41.10	41.30	41.50	41.70	41.90
Short Circuit Current - Isc(A)	10.15	10.20	10.24	10.36	10.47	10.57
Voltage at Pmax-Vmp(V)	33.40	33.60	33.80	34.00	34.20	34.40
Current at Pmax-Imp(A)	9.58	9.68	9.76	9.85	9.94	10.03
Module Efficiency-ηm(%)	19.00	19.30	19.60	19.90	20.10	20.40

Power Tolerance (0,+5)

Maximum System Voltage(V) 1000/1500

Maximum Series Fuse Rating(A) 15

STC: Irradiance 1000 W/m², 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	1684*1002*35mm
Weight	19.0kg
Solar Cells	Mono 120pcs(158.75*79.38mm) half cell
Front Glass	3.2 mm tempered glass low iron
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm ² , Landscape: N 1100mm/P 1100mm, Portrait: N 150mm/P 300mm
Connector	(Compatible with)MC4
Mechanical Load/front	a:5400pa b:3600pa
Mechanical Load/back	a:2400pa b:1600pa

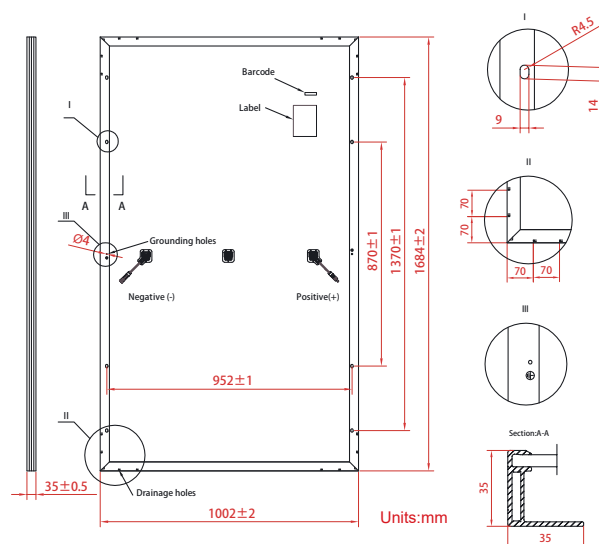
Packing Configuration

Container	40'GP
Modules per pallet	30
Pallets per container	26
Pieces per container	(30+30+5)x13=845 Pieces

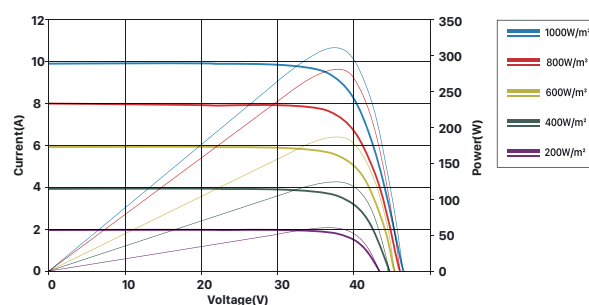
Temperature Characteristics

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(320W)



Temperature Dependence of Isc, Voc, Pmax

