

CST365~400M8-60H

120-CELL HALF CUT Monocrystalline Solar Module

166mm Mono PERC Solar Cell(9BB-Half)

400W

Maximum Power Output

21.6%

Maximum Efficiency

0~+5W

Positive Power Tolerance

体系及产品认证

- IEC61215 / IEC61730 / IEC61701 / IEC62716
- ISO9001: Quality Management System
- ISO14001: Environment Management System
- OHSAS18001: Occupational Health and Safety System



Low hotspot risk

Special cutting and soldering technology leads to low hotspot risk.



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).



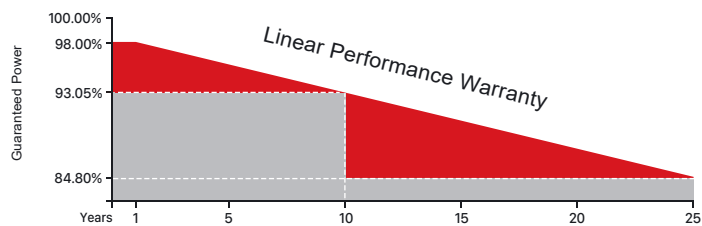
Withstanding harsh environment

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.



• 12-year product warranty • 25-year linear power warranty

Electrical Characteristics(STC)

PV module model	CST365M8-60H	CST370M8-60H	CST375M8-60H	CST380M8-60H	CST385M8-60H	CST390M8-60H	CST395M8-60H	CST400M8-60H
Maximum Power - Pmax(W)	365	370	375	380	385	390	395	400
Open Circuit Voltage - Voc(V)	40.90	41.20	41.50	41.80	42.10	42.40	42.60	42.90
Short Circuit Current - Isc(A)	11.28	11.32	11.36	11.40	11.44	11.48	11.52	11.56
Voltage at Pmax-Vmp(V)	34.40	34.80	35.10	35.40	35.70	36.10	36.40	36.80
Current at Pmax-Imp(A)	10.62	10.65	10.70	10.73	10.78	10.82	10.85	10.89
Module Efficiency-ηm(%)	19.7	20.0	20.3	20.5	20.8	21.1	21.3	21.6
Power Output Tolerance(W)	0~+5							

STC: Irradiance 1000 W/m², Module Temperature 25°C, Air Mass AM1.5

Electrical Characteristics(NMOT)

Maximum Power - Pmax(W)	273.7	277.1	280.6	284.1	287.5	291.0	294.6	298.1
Open Circuit Voltage - Voc(V)	38.40	38.60	38.90	39.10	39.40	39.60	39.80	40.10
Short Circuit Current - Isc(A)	9.12	9.15	9.18	9.21	9.24	9.29	9.32	9.35
Voltage at Pmax-Vmp(V)	31.90	32.20	32.50	32.70	33.00	33.30	33.60	33.90
Current at Pmax-Imp(A)	8.58	8.61	8.64	8.68	8.71	8.74	8.77	8.80

NOCT: Irradiance 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s

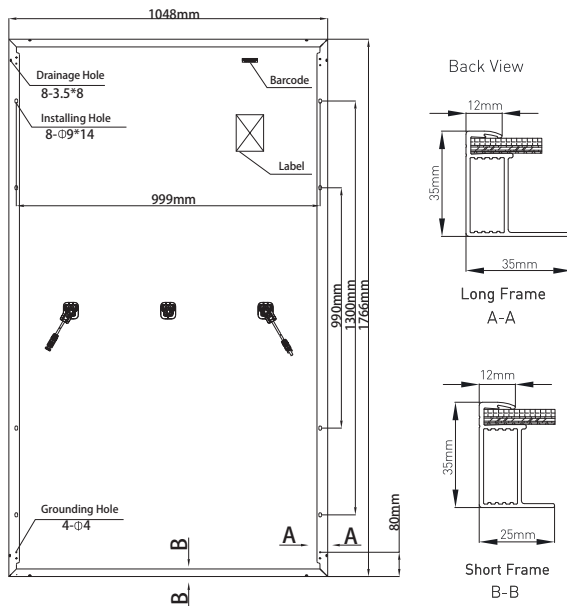
Temperature Characteristics

Pmax Temperature Coefficient	-0.36%/C
Voc Temperature Coefficient	-0.28%/C
Isc Temperature Coefficient	+0.05%/C
Operating Temperature	-40~+85 C
Nominal Module Operating Temperature (NMOT)	43±2 C

Mechanical Specifications

External Dimensions	1766*1048*35mm
Weight	20.9kg
Solar Cells	monocrystalline 120(60*2)pcs
Front Glass	High transparency solar glass 3.2mm
Frame	Anodized aluminum alloy
Junction Box	IP68 rated
Output Cables	4.0mm ² , Portrait: 300mm/300mm
Connector	MC4 Compatible
Wind/Snow Load	2400Pa/5400Pa
Maximum System Voltage	1500V DC
Max Series Fuse Rating	20A

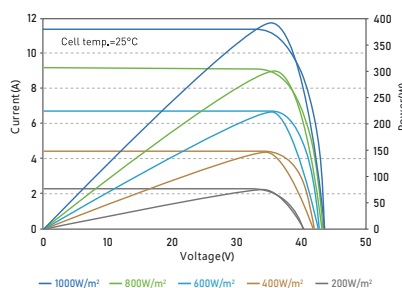
Module Dimension



Packing Configuration

Modules per pallet	31 pieces
Modules per 40' container	806 pieces

I-V/P-V Curve at Different Irradiation (390W)



I-V Curve at Different Temperature (390W)

