

HALF CUT MONO CRYSTALLINE MODULE

CE-320/325/330/335/340HM60



Higher Efficiency

The highest efficiency of the series is up to 20.15%.



High Reliability

Superior craftsmanship, engineering excellence, and attention to the finest detail ensure longevity and optimal performance.



Low-Light Performance

Excellent power generation performance under Low-light.



Extremely Environmental Testing

Remain peak performance in extreme environments.



Strength and Durability

Certified for 5400Pa snow and 2400Pa loads test.



**PID
FREE**

PID Free

Certified for Anti-PID under 85 degrees Celsius, 85% RH for 288 hours.



Centro Energy Electric Quality

For more than 10 years, we have been perfecting our PV modules to bring you the highest quality products possible.

- Automated cell and module production lines ensure consistently high quality in every module.
- Each cell and module flash tested to ensure rated level of output.
- Aesthetically pleasing black frame and cells.
- Lead-free solder protects health and the environment.

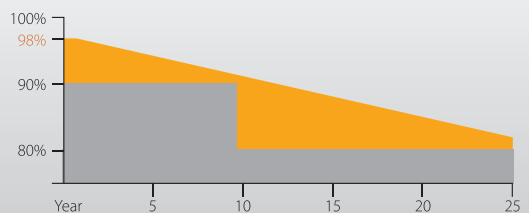
Authorised Photovoltaic Certificates



System Certification

- ISO 9001: 2008
- ISO 14001:2004

25 Years Performance Warranty



HALF CUT MONO CRYSTALLINE MODULE

CE-320/325/330/335/340HM60



Electrical Characteristics under STC*

Module Type	CE-320HM60	CE-325HM60	CE-330HM60	CE-335HM60	CE-340HM60
Max. power (Pmax) [W]	320	325	330	335	340
Max. power voltage (Vmp) [V]	33.26	33.34	33.43	33.51	33.59
Max. power current (Imp) [A]	9.62	9.75	9.87	10.00	10.12
Open circuit voltage (Voc) [V]	40.20	40.25	40.30	40.35	40.40
Short circuit current (Isc) [A]	10.14	10.28	10.42	10.56	10.70
Max. series fuse rating [A]	20	20	20	20	20
Power tolerance [W]	0/+5	0/+5	0/+5	0/+5	0/+5
Max. system voltage [V]	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500
Solar panel efficiency [%]	18.96	19.26	19.56	19.85	20.15

Mechanical Characteristics

Dimension	1684mmx1002mmx35mm
Weight	20.5kg
Front Glass	3.2mm, Low Iron Tempered Glass
Solar Cell	120 pcs
Frame	Anodized Aluminum Alloy
Junction Box	IP 68 Rated
Cable	4mm ² , Length 300mm
Connector	MC4 Compatible

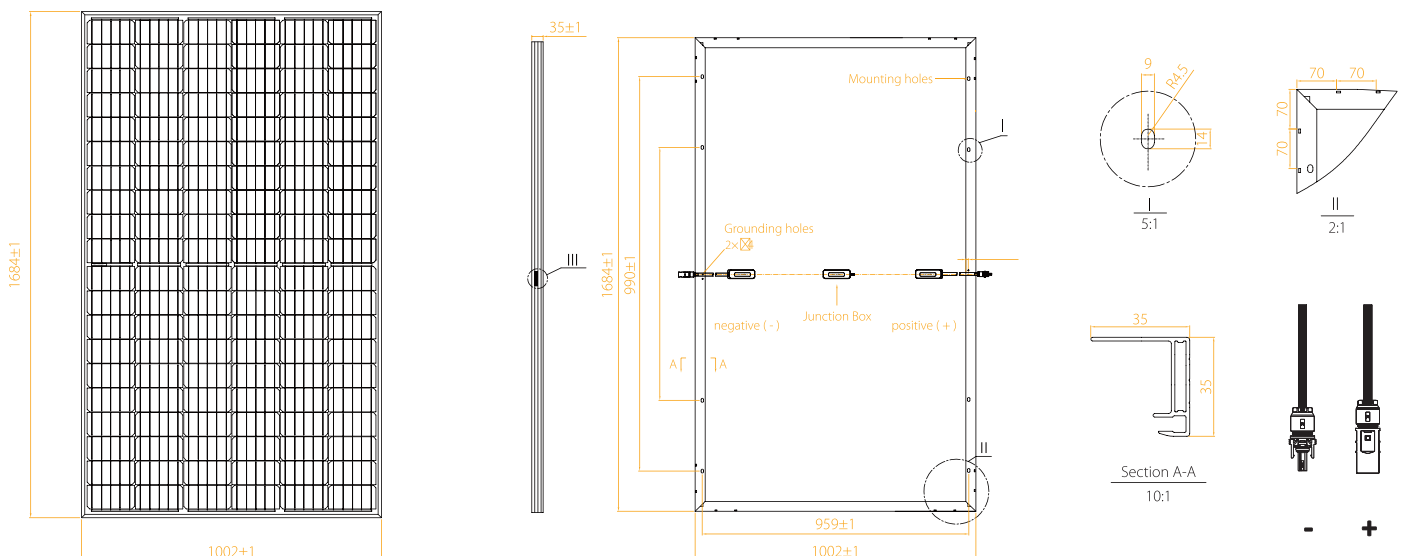
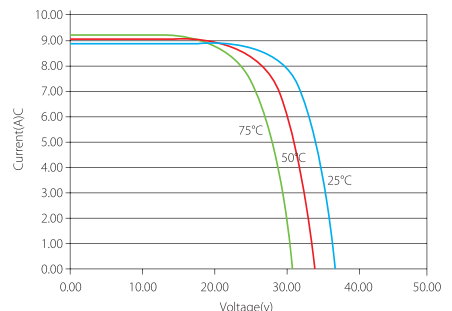
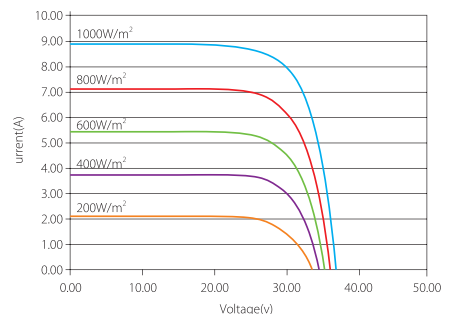
Temperature characteristics

Temperature (NOCT) [°C]	45±2
Temp. coefficient of Pmax [%/°C]	-0.35
Temp. coefficient of Voc [V/°C]	-0.29
Temp. coefficient of Isc [mA/°C]	0.048

Warranty

12 years product warranty
12 years warranty on 90% power output
25 years warranty on 80% power output

IV CURVE



*STC (Standard Testing Conditions): Irradiance 1000 W/m², cell temperature 25 °C, AM=1.5
ambient temperature 20 °C, wind speed 1 m/s

*NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m²,
The specifications in this datasheet are subjected to change without prior notice