



## 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

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.

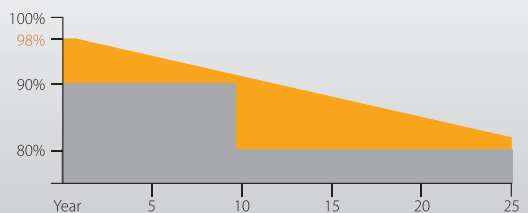
### Authorised Photovoltaic Certificates



### System Certification

- ISO 9001: 2008
- ISO 14001:2004

### 25 Years Performance Warranty



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# 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 <sup>2</sup> , Length 300mm
Connector	MC4 Compatible

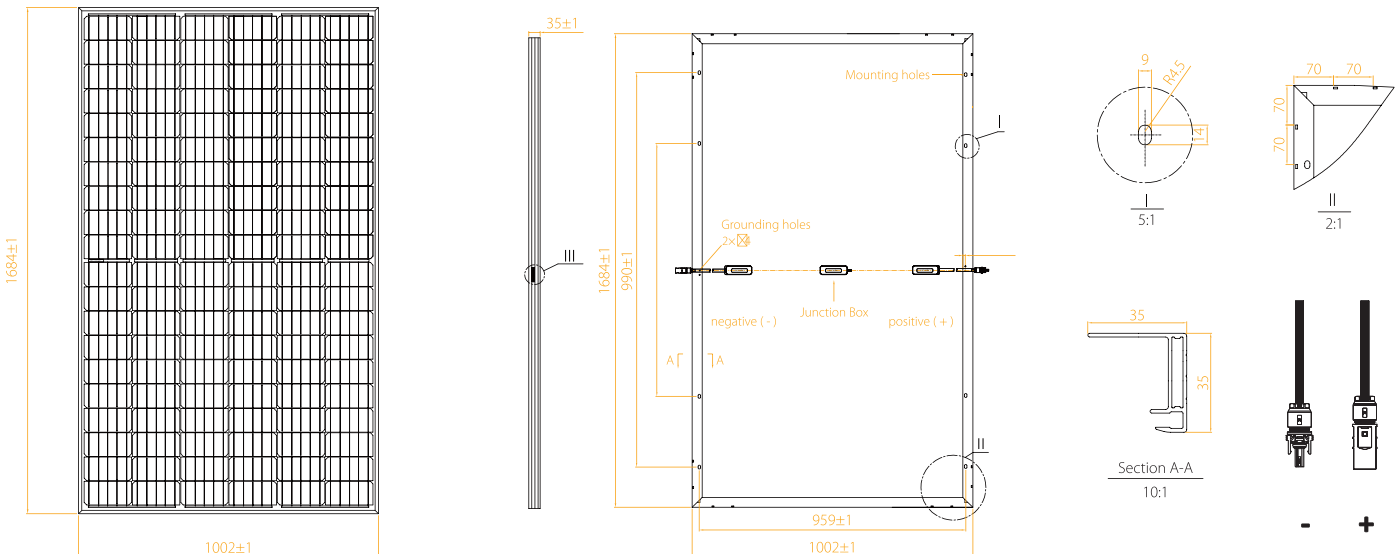
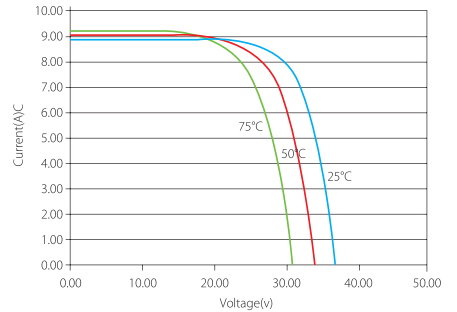
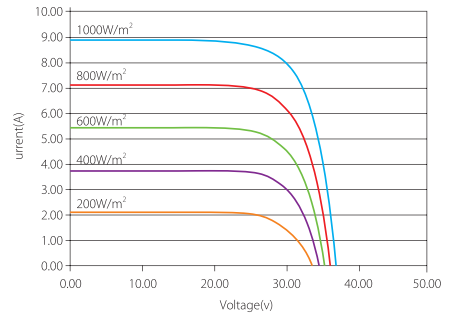
## Temperature characteristics

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/m<sup>2</sup>, cell temperature 25 °C, AM=1.5  
ambient temperature 20 °C, wind speed 1 m/s

\*NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m<sup>2</sup>,  
The specifications in this datasheet are subjected to change without prior notice