

# CEC6-60MH

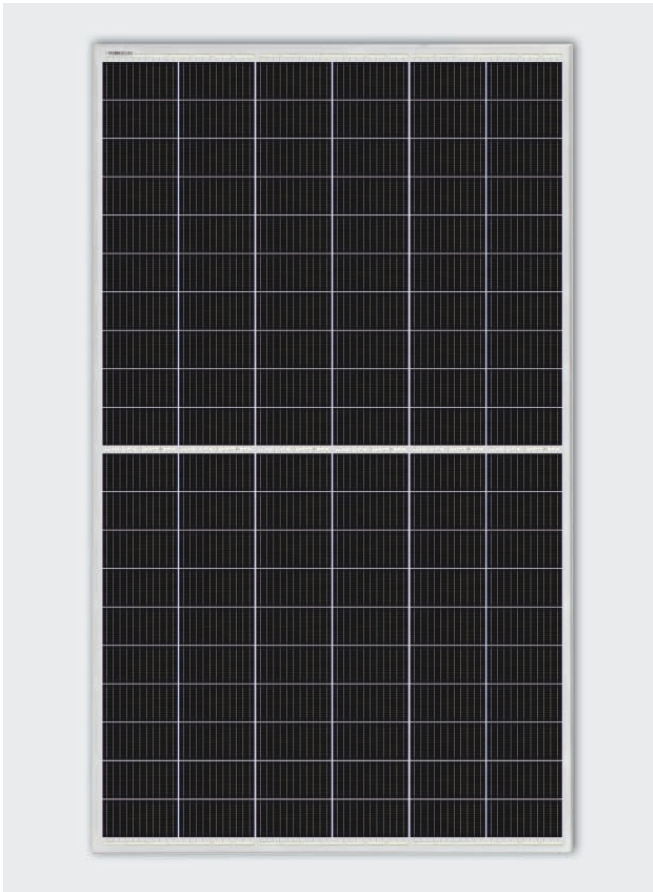
Mono-crystalline Solar Panel with Multi-busbar and Half-cut 60 Cells

**295~325W**

POWER OUTPUT RANGE

**17.7%~19.5%**

MODULE EFFICIENCY



CECEP Solar Energy Technology (Zhenjiang) Co., Ltd. was established in August 2010 with a registered capital of 351million Yuan. It is the subsidiary of CECEP Solar Energy Co., Ltd.—a large size state-owned enterprise, mainly specialized in the research, manufacture and sales of crystalline silicon solar cells and modules.

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WeChat public

## Product Features



Module can withstand snow pressure up to 5400Pa,  
 Module can withstand wind pressure up to 2400Pa;



Guaranteed power output :0~+5W;



With high-performance in weak light conditions  
 (on cloudy days, mornings and evenings);



Obtaining International independent certification  
 body certifications

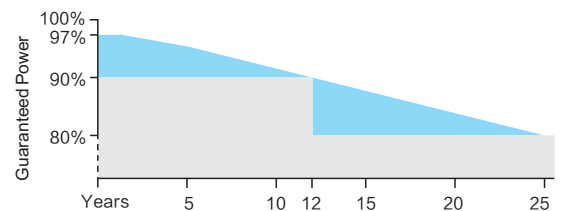


ISO9001, ISO14001 and OHSAS18001 International  
 Standards: Management systems of quality, environment,  
 vocational health and safety

## Quality Warranty

- Product materials and processes warranty for 10 years;
- No less than 90% power output within 12 years;
- No less than 80% power output within 25 years.

## Linear Performance Warranty



## Certifications



## Module Parameter

| Electrical Characteristics   | CEC6-60-295MH/<br>CEC6-60-295MHV | CEC6-60-300MH/<br>CEC6-60-300MHV | CEC6-60-305MH/<br>CEC6-60-305MHV | CEC6-60-310MH/<br>CEC6-60-310MHV | CEC6-60-315MH/<br>CEC6-60-315MHV | CEC6-60-320MH/<br>CEC6-60-320MHV | CEC6-60-325MH/<br>CEC6-60-325MHV |
|------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Max Power(Wp)                | 295                              | 300                              | 305                              | 310                              | 315                              | 320                              | 325                              |
| Max-Power Voltage Vmp(V)     | 32.89                            | 33.05                            | 33.23                            | 33.41                            | 33.59                            | 33.76                            | 33.97                            |
| Max-Power Current Imp(A)     | 8.97                             | 9.08                             | 9.18                             | 9.28                             | 9.38                             | 9.48                             | 9.57                             |
| Open-Circuit Voltage Voc(V)  | 38.92                            | 39.25                            | 39.60                            | 39.90                            | 40.25                            | 40.58                            | 40.90                            |
| Short-Circuit Current Isc(A) | 9.43                             | 9.53                             | 9.63                             | 9.74                             | 9.83                             | 9.94                             | 10.04                            |
| Max-system Voltage Vdc(V)    | 1000/1500                        | 1000/1500                        | 1000/1500                        | 1000/1500                        | 1000/1500                        | 1000/1500                        | 1000/1500                        |
| Module efficiency(%)         | 17.7%                            | 18.0%                            | 18.3%                            | 18.6%                            | 18.9%                            | 19.2%                            | 19.5%                            |
| Power Tolerance(W)           | 0/+5W                            | 0/+5W                            | 0/+5W                            | 0/+5W                            | 0/+5W                            | 0/+5W                            | 0/+5W                            |

All specified Parameters are at STC 25°C Ambient, 1000W/m<sup>2</sup> irradiance and AM1.5

## Physical Parameter

|                           |  |
|---------------------------|--|
| Cell Size                 | 156.75 × 78mm, 120pcs, Monocrystalline silicon (12 × 10) |
| Glass, Type and Thickness | High Transmission, Low Iron, Tempered Glass 3.2mm        |
| Frame & No. of waterspout | Anodised aluminium & 20                                  |
| Junction Box              | IP 68 rated  |

## Mechanical Characteristics

|                    |                     |
|--------------------|---------------------|
| Dimension          | 1678*992*35mm       |
| Mounting hole size | 800*942, 1300*942mm |
| Cable Length       | 900mm               |
| Weight             | 18.8Kg              |

## Temperature Coefficient

|   |            |
|---|------------|
| Nominal Module Operating Temperature (NMOT) | 42°C ± 2°C |
| Temperature coefficient of Pmax (δ (%/°C))  | -0.38      |
| Temperature coefficient of Voc (β (%/°C))   | -0.29      |
| Temperature coefficient of Isc (α (%/°C))   | 0.04       |

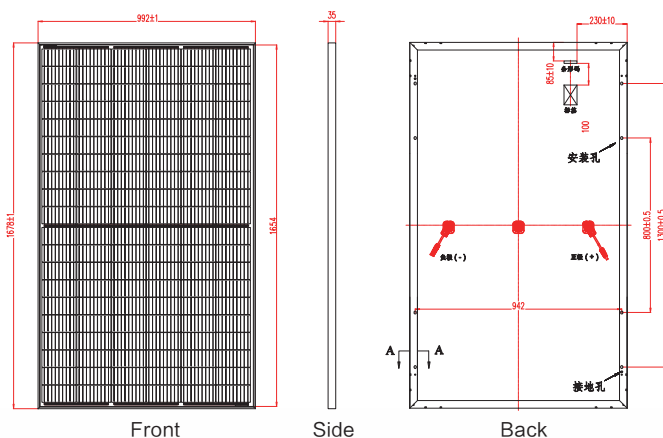
## Packaging Configuration

|                   |                      |                |
|-------------------|----------------------|----------------|
| Flatcar           | Pieces per case      | 32 pcs/case    |
|                   | Quantity per pallet  | 2 case/pallet  |
| 40 Feet Container | Pieces per case      | 30 pcs/case    |
|                   | Quantity per pallet  | 2 case/pallet  |
|                   | Pieces per container | 780 pcs/40' HQ |

## Limit Parameters

|                            |                |
|----------------------------|----------------|
| Operating temperature      | -40°C to +85°C |
| Maximum fuse rated current | 15A            |

## Technical Drawings



## I-V Curve (295W)

