

CEC6-60MH

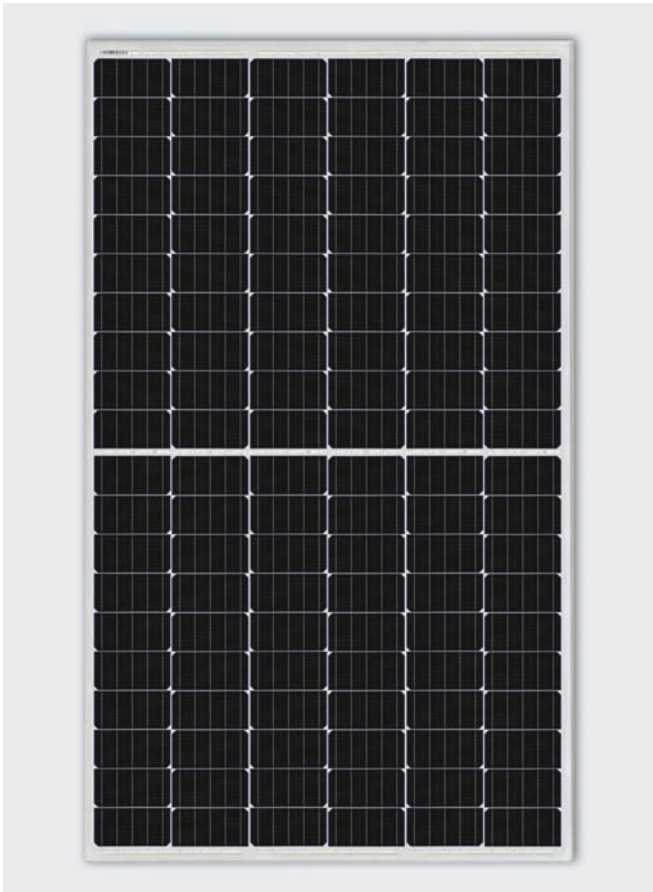
Mono-crystalline Solar Panel with Half-cut 60 Cells

290~320W

POWER OUTPUT RANGE

17.4%~19.2%

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

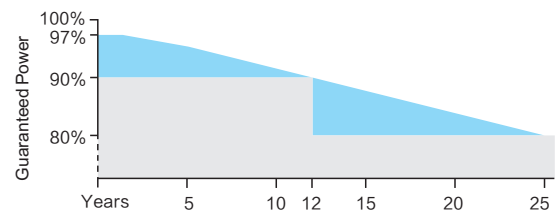


ISO9001, ISO14001 and OHSAS18001 International
 Standards: Management systems of quality, environment,
 vocational health and safety

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	CEC6-60-290MH/ CEC6-60-290MHV	CEC6-60-295MH/ CEC6-60-295MHV	CEC6-60-300MH/ CEC6-60-300MHV	CEC6-60-305MH/ CEC6-60-305MHV	CEC6-60-310MH/ CEC6-60-310MHV	CEC6-60-315MH/ CEC6-60-315MHV	CEC6-60-320MH/ CEC6-60-320MHV
Max Power(Wp)	290	295	300	305	310	315	320
Max-Power Voltage Vmp(V)	32.70	32.89	33.05	33.23	33.41	33.59	33.76
Max-Power Current Imp(A)	8.87	8.97	9.08	9.18	9.28	9.38	9.48
Open-Circuit Voltage Voc(V)	38.57	38.92	39.25	39.60	39.90	40.25	40.58
Short-Circuit Current Isc(A)	9.33	9.43	9.53	9.63	9.74	9.83	9.94
Max-system Voltage Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	17.4%	17.7%	18.0%	18.3%	18.6%	18.9%	19.2%
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/m² 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*35*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

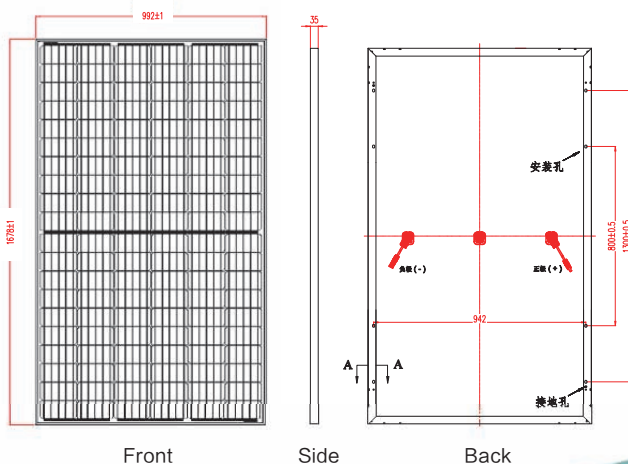
Packaging Configuration

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 (290W)

