

CEC6-60MB

Double-glazed Module with 60 Mono-crystalline Cells

285 ~ 315W

POWER OUTPUT RANGE

17.3% ~ 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 4700Pa;



Guaranteed power output :0~+5W;



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



Obtaining International independent certification body certifications

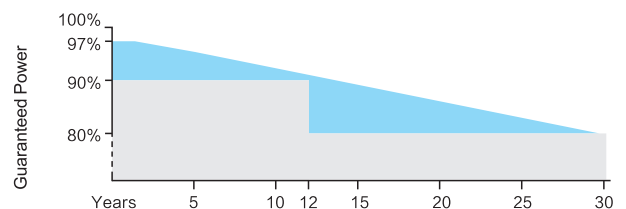


ISO9001, ISO14001 and OHSAS18001 International Standards: Management systems of quality, environment, vocational health and safety

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 30 years.

Linear Performance Warranty



Certifications



Module Parameter

Electrical Characteristics	CEC6-60-285MB/ CEC6-60-285MBV	CEC6-60-290MB/ CEC6-60-290MBV	CEC6-60-295MB/ CEC6-60-295MBV	CEC6-60-300MB/ CEC6-60-300MBV	CEC6-60-305MB/ CEC6-60-305MBV	CEC6-60-310MB/ CEC6-60-310MBV	CEC6-60-315MB/ CEC6-60-315MBV
Max Power(Wp)	285	290	295	300	305	310	315
Max-Power Voltage Vmp(V)	31.74	32.20	32.43	32.65	32.88	33.2	33.52
Max-Power Current Imp(A)	8.98	9.01	9.10	9.19	9.28	9.34	9.40
Open-Circuit Voltage Voc(V)	39.25	39.35	39.55	39.95	40.25	40.65	40.92
Short-Circuit Current Isc(A)	9.44	9.55	9.60	9.67	9.77	9.85	9.91
Max-system Voltage Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	17.3%	17.6%	17.9%	18.2%	18.5%	18.8%	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 × 156.75mm, 60pcs, Monocrystalline silicon(6 × 10)
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 2.5mm
Junction Box	IP 68 rated

Mechanical Characteristics

Dimension	1658*992*6.3mm
Cable Length	300mm
Weight	23kg

Temperature Coefficient

Nominal Module Operating Temperature (NMOT)	42°C ± 2°C
Temperature coefficient of Pmax (δ (%/°C))	-0.42
Temperature coefficient of Voc (β (%/°C))	-0.31
Temperature coefficient of Isc (α (%/°C))	0.04

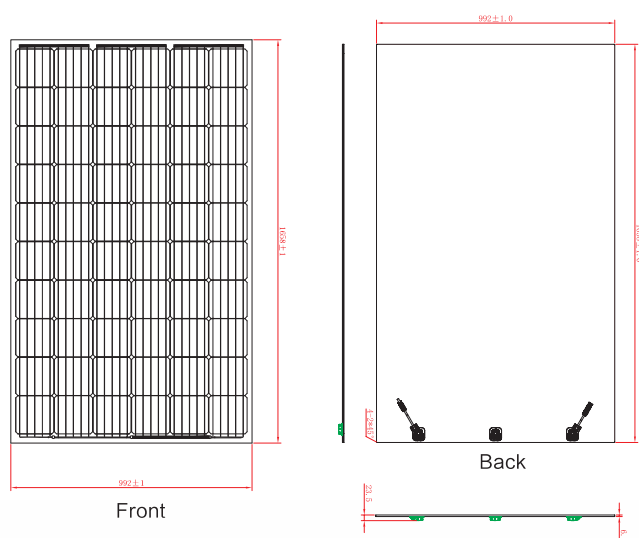
Packaging Configuration

Flatcar	Pieces per case	33 pcs/case
	Quantity per pallet	2 case/pallet
40 Feet Container	Pieces per case	33 pcs/case
	Quantity per pallet	2 case/pallet
	Pieces per container	924 pcs/40' HQ

Limit Parameters

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

Technical Drawings



I-V Curve (285W)

