

## CEC6-60PB

Double-glazed Module with 60 Poly-crystalline Cells

**270 ~ 290W**

POWER OUTPUT RANGE

**16.4% ~ 17.6%**

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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### 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

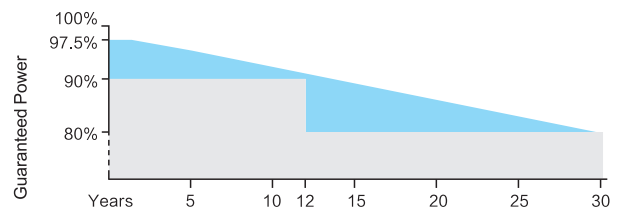


ISO9001, ISO14001 and OHSAS18001 International  
Standards: Management systems of quality, environment,  
vocational health and safety

### 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	CEC6-60-270PB/ CEC6-60-270PBV	CEC6-60-275PB/ CEC6-60-275PBV	CEC6-60-280PB/ CEC6-60-280PBV	CEC6-60-285PB/ CEC6-60-285PBV	CEC6-60-290PB/ CEC6-60-290PBV
Max Power(Wp)	270	275	280	285	290
Max-Power Voltage Vmp(V)	31.04	31.29	31.54	31.78	32.26
Max-Power Current Imp(A)	8.70	8.79	8.88	8.97	8.99
Open-Circuit Voltage Voc(V)	37.60	37.68	37.70	37.78	37.98
Short-Circuit Current Isc(A)	9.27	9.36	9.45	9.56	9.68
Max-system Voltage Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	16.4%	16.7%	17.0%	17.3%	17.6%
Power Tolerance(W)	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 × 156.75mm, 60pcs, Polycrystalline 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))	-0.41
Temperature coefficient of Voc (β (%/°C))	-0.31
Temperature coefficient of Isc (α (%/°C))	0.05

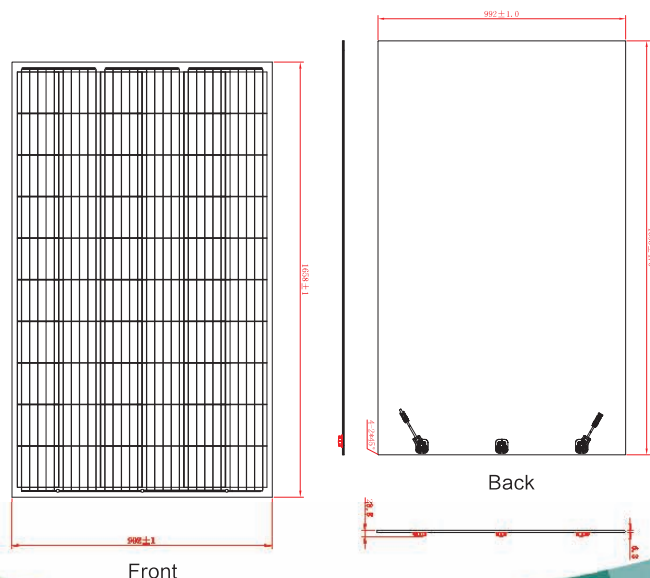
## Packaging Configuration

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 (270PB)

