

CEC6-40PB

Colour Double-glazed Module with 40 Poly-crystalline Cells

170~185W

POWER OUTPUT RANGE

10.3%~11.2%

MODULE EFFICIENCY



Glass optional color (color card for reference only based on physical color)



CECEP Solar Energy Technology (Zhenjiang) Co., Ltd. was established in August 2010 with a registered capital of 351 million 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.

中节能太阳能科技（镇江）有限公司
CECEP Solar Energy Technology (Zhenjiang) Co., Ltd.

ADD: No.9, Beishan Road, New District, Zhenjiang, Jiangsu, China 212132

Tel: +86-511-8559 7719

Fax: +86-511-8558 7711

Web: www.cecepsolar.com

Stock code: SZ000591 太阳能



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

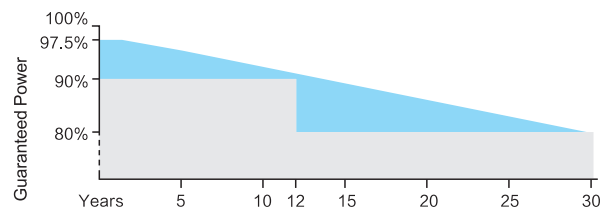


ISO9001, ISO14001 and OHSAS18001 International Standards: Management systems of quality, environment, vocational health and safety

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	CEC6-40-170PB/ CEC6-40-170PBV	CEC6-40-175PB/ CEC6-40-175PBV	CEC6-40-180PB/ CEC6-40-180PBV	CEC6-40-185PB/ CEC6-40-185PBV
Max Power(Wp)	170	175	180	185
Max-Power Voltage Vmp(V)	20.19	20.62	20.86	21.12
Max-Power Current Imp(A)	8.42	8.53	8.63	8.76
Open-Circuit Voltage Voc(V)	25.61	25.92	26.25	26.61
Short-Circuit Current Isc(A)	8.89	9.07	9.15	9.27
Max-system Voltage Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	10.3%	10.6%	10.9%	11.2%
Power Tolerance(W)	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, 40pcs, Polycrystalline silicon (4 × 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)	45°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

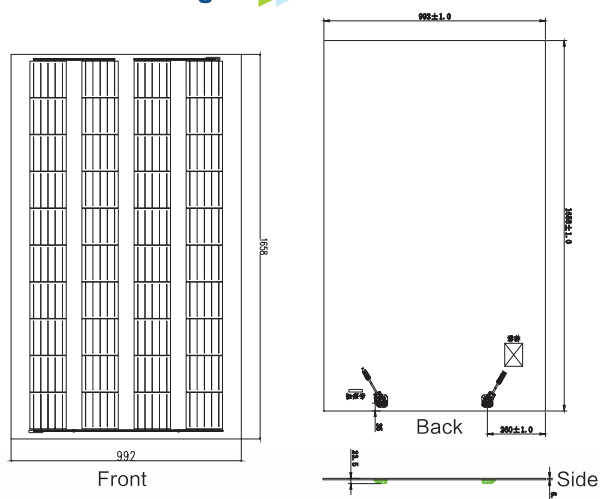
Packaging Configuration

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 (170W)

