

Polycrystalline Solar Modules

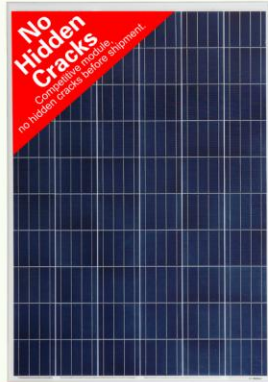


CEC6-4-72PA

300~325W
POWER OUTPUT RANGE

15.5%~16.7%
MODULE EFFICIENCY

+1~+6W
POWER TOLERANCE



CECEP Solar Energy Technology(Zhenjiang) Co., Ltd. was established in August 2010, and the registered capital of the company reaches 351 million RMB. As one of the central Government-led Enterprise, it is a subsidiary of CECEP Solar Energy Technology Co., Ltd.. Main business is the research, manufacture and sale of crystalline silicon solar cells and modules.

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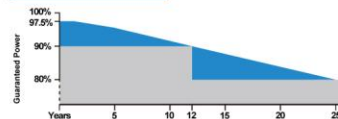
Product Features

- Module can withstand the snow pressure up to 5400Pa, Module can withstand wind pressure up to 2400Pa;
- +6W** Guaranteed power output: +1~+6W;
- In weak light conditions (cloudy weather and morning and evening) with a high-performance;
- Independently certified by international certification bodies, including the IEC61215, IEC61730, UL1703, TUV Safety Class II, the CE;
- ISO** ISO9001 and ISO14001, OHSAS18001 international standards: quality, environment, vocational health managing system.

Quality Warranty

- 10 years process performance guarantee;
- Output power no less than 90% after 12 years;
- Output power no less than 80% after 25 years;

Linear Performance Warranty



Certifications



汇聚光伏能源，建设绿色家园/Converging PV Energy, Creating Green Homeworld

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Module Parameter

Electrical Characteristics	CEC6-4-72-300PA	CEC6-4-72-305PA	CEC6-4-72-310PA	CEC6-4-72-315PA	CEC6-4-72-320PA	CEC6-4-72-325PA
Max Power (Wp)	300	305	310	315	320	325
Max-Power Voltage Vmp(V)	36.50	36.90	37.13	37.20	37.30	37.50
Max-Power Current Imp(A)	8.22	8.27	8.35	8.47	8.58	8.67
Open-Circuit Voltage Voc(V)	45.10	45.30	45.60	45.9	46.2	46.5
Short-Circuit Current Isc(A)	8.69	8.75	8.85	8.95	9.10	9.17
Max-system Voltage Vdc(V)	1000	1000	1000	1000	1000	1000
Power Tolerance (W)	+1~+6	+1~+6	+1~+6	+1~+6	+1~+6	+1~+6

All specified Parameters are at STC 25°C, 1000W/m² irradiance and AM1.5

Physical Parameter

Cell Size	156×156mm, 72pcs, Polycrystalline Silicon(6×12)
Glass Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2mm
Frame & No of waterpout	Anodised aluminium & 20
Junction Box	IP 67 rated

Temperature Coefficient

NOCT Nominal Operating Cell Temperature(NOCT)	47°C±2°C
Temperature coefficient of P _{max}	-0.43%/°C
Temperature coefficient of V _{oc}	-0.33%/°C
Temperature coefficient of I _{sc}	0.04%/°C

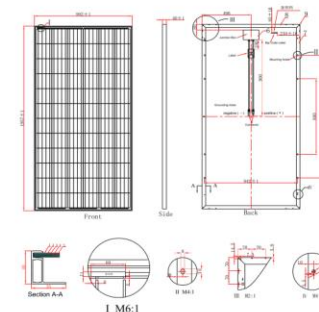
Mechanical Characteristics

Dimension	1957×992×40×35mm
Mounting hole size	800×942, 1300×942mm
Cable Length	900mm
Weight	22kg

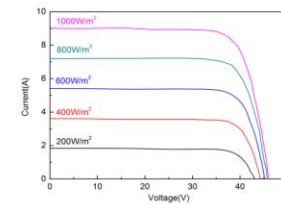
Packaging Configuration

Pieces per case	24 pcs/case
Quantity per pallet	2 case/pallet
Pieces per container	576 pcs/40 GP

Technical Drawings



I-V Curve (320W)



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