

# CEC6-72PH

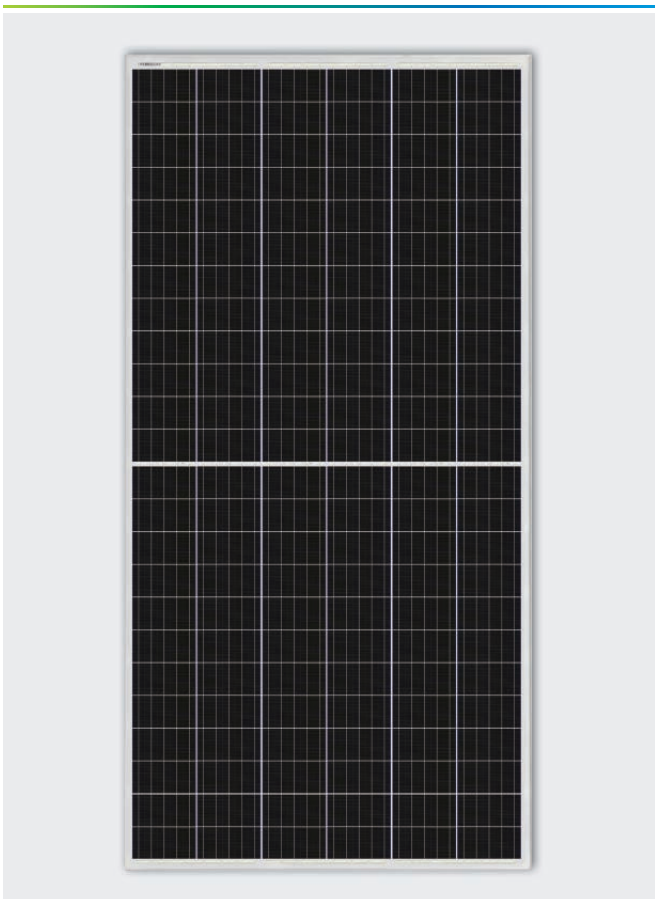
## Poly-crystalline Solar Module (72 Cells)

**395~415W**

POWER OUTPUT RANGE

**17.81%~18.71%**

MODULE EFFICIENCY



CECEP Solar Energy Technology (Zhenjiang) Co., Ltd. was incorporated in August 2010 with a registered capital of RMB 351 million. As a holding subsidiary of CECEP Solar Energy Co., Ltd., a large state-owned enterprise, its main business includes the R&D, manufacture and sales of crystalline silicon solar cells and modules.



**中节能太阳能科技(镇江)有限公司**

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Stock code: SZ000591 太阳能



WeChat public

### Product Features



The module can withstand snow load up to 5400 Pa, and wind pressure up to 2400Pa



Guaranteed output: 0~+5W



High performance in low light conditions (cloudy weather, dawn and twilight)



Independently certification by international certification authorities, including IEC61215, IEC61730, UL1703, TUV Safety Class II, CE

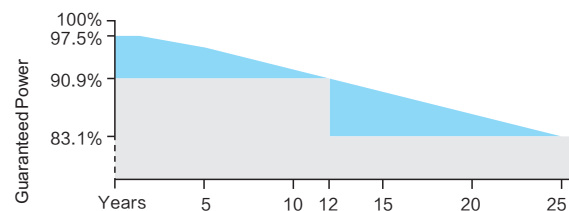


ISO9001, ISO14001, OHSAS18001  
International Standard: Quality, Environment, and Occupational Health and Safety Management System

### Warranty

- Warranty for product materials and processes within 10 years
- Power output not less than 90.9% within 12 years
- Power output not less than 83.1% within 25 years

### Linear Warranty



### Certifications





## Parameters of Module

Electrical parameters (Standard test condition)	CEC6-72-395PH/ CEC6-72-395PHV	CEC6-72-400PH/ CEC6-72-400PHV	CEC6-72-405PH/ CEC6-72-405PHV	CEC6-72-410PH/ CEC6-72-410PHV	CEC6-72-415PH/ CEC6-72-415PHV
Maximum power-Pmax(Wp)	395	400	405	410	415
Maximum operating voltage-Vmp(V)	38.54	38.73	38.91	39.13	39.34
Maximum operating current-Imp(A)	10.25	10.33	10.41	10.48	10.55
Open-circuit voltage-Voc(V)	46.99	47.19	47.39	47.59	47.79
Short-circuit current-Isc(A)	10.81	10.89	10.97	11.05	11.13
Maximum system voltage-Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	17.81%	18.04%	18.26%	18.49%	18.71%
Power tolerance(W)	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W

Measured values under STC (temperature 25°C, air quality AM1.5, irradiance 1000W/m<sup>2</sup>)

## Physical Parameter

Cell type	166×83 mm Square poly-crystalline silicon solar cells, a group of 120 cells (12×10)
Glass	3.2 mm thick low-iron tempered glass with high light transmittance
Frame	Frame is made of anodized aluminum and provided with 20 weep holes
Junction Box	IP Grade: IP68

## Mechanical Characteristics

Dimension	2108*1052*35mm
Mounting hole size	800*1002,1300*1002mm
Cable Length	300mm
Weight	24.8Kg

## Temperature Rating

Nominal Module Operating Temperature (NMOT)	42°C ± 2°C
Maximum Power (Pmax) Temperature Coefficient (δ (%/°C))	-0.37
Open-circuit voltage (Voc) Temperature coefficient (β (%/°C))	-0.30
Short circuit current (Isc) Temperature coefficient (α (%/°C))	0.05

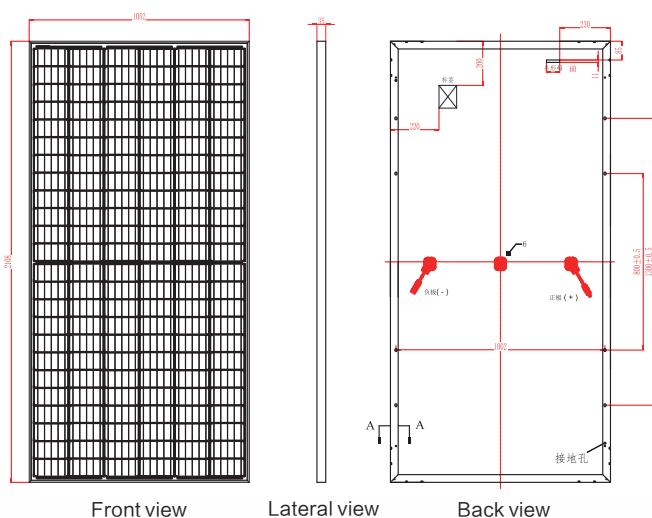
## Limit Parameters

Operating temperature	-40°C to +85°C
Maximum fuse current rating	20A

## Mode of Packing

Flat car	Mode of Packing	32 pcs/boxes
	Quantity/Pallet	2 boxes/pallets

## Assembly Drawing



## I-V Curve (395W)

