

CEC6-72PBHV-F/PDHV-F

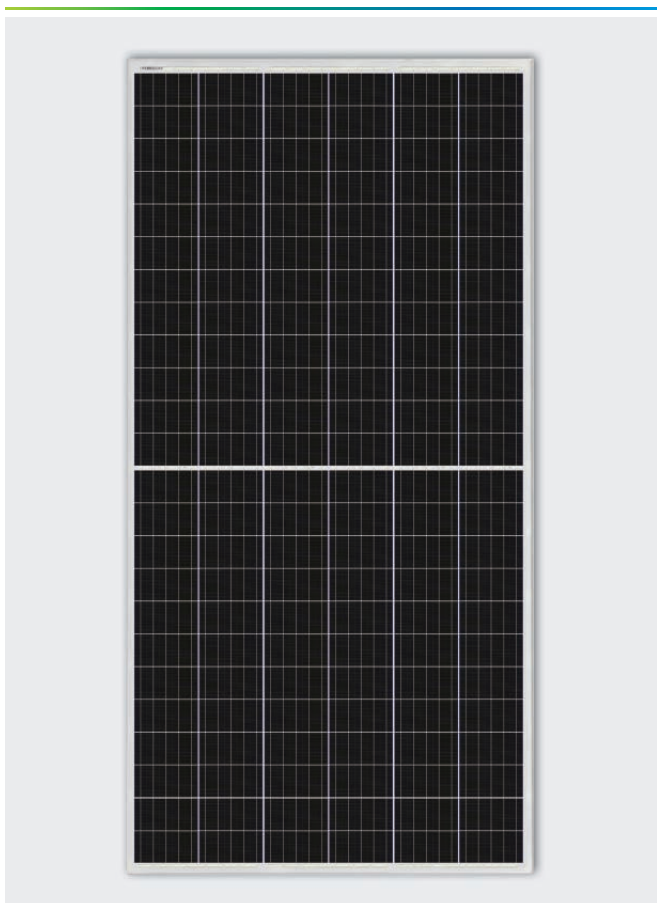
Poly-crystalline Solar Module (72 Cells)

390~410W

POWER OUTPUT RANGE

17.39%~19.28%

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

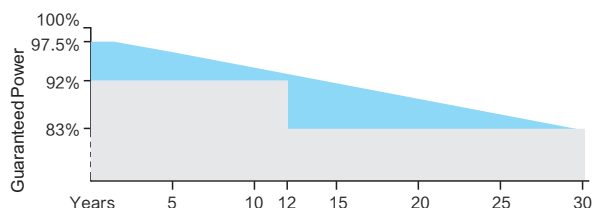


ISO9001, ISO14001, OHSAS18001
International Standard: Quality, Environment, and Occupational Health and Safety Management System

Warranty

- Warranty for product materials and processes within 10 years
- Power output not less than 92% within 12 years
- Power output not less than 83% within 30 years

Linear Warranty



Certifications



Parameters of Module

Electrical parameters (Standard test condition)	CEC6-72-390PBHV-F/ CEC6-72-390PDHV-F	CEC6-72-395PBHV-F/ CEC6-72-395PDHV-F	CEC6-72-400PBHV-F/ CEC6-72-400PDHV-F	CEC6-72-405PBHV-F/ CEC6-72-405PDHV-F	CEC6-72-410PBHV-F/ CEC6-72-410PDHV-F
Maximum power-Pmax(Wp)	390	395	400	405	410
Maximum operating voltage-Vmp(V)	38.32	38.55	38.74	38.92	39.14
Maximum operating current-Imp(A)	10.18	10.25	10.33	10.41	10.48
Open-circuit voltage-Voc(V)	46.79	46.99	47.19	47.39	47.59
Short-circuit current-Isc(A)	10.73	10.81	10.89	10.97	11.05
Maximum system voltage-Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	17.39%	17.61%	17.83%	18.06%	18.28%
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/m²)

Physical Parameter

Cell type	166×83 mm Square poly-crystalline silicon solar cells, a group of 144 cells (12×12)
Glass	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

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

Mechanical Characteristics

Dimension	2132*1052*30mm
Mounting hole size	800*1023,1300*1023mm
Cable Length	300mm
Weight	29.5Kg

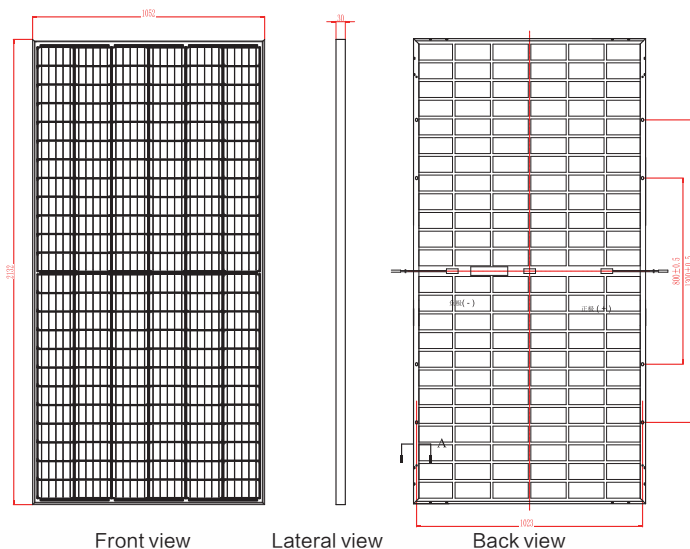
Limit Parameters

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

Mode of Packing

Flat car	Mode of Packing	36 pcs/boxes
	Quantity/Pallet	2 boxes/pallets

Assembly Drawing



I-V Curve (390W)

