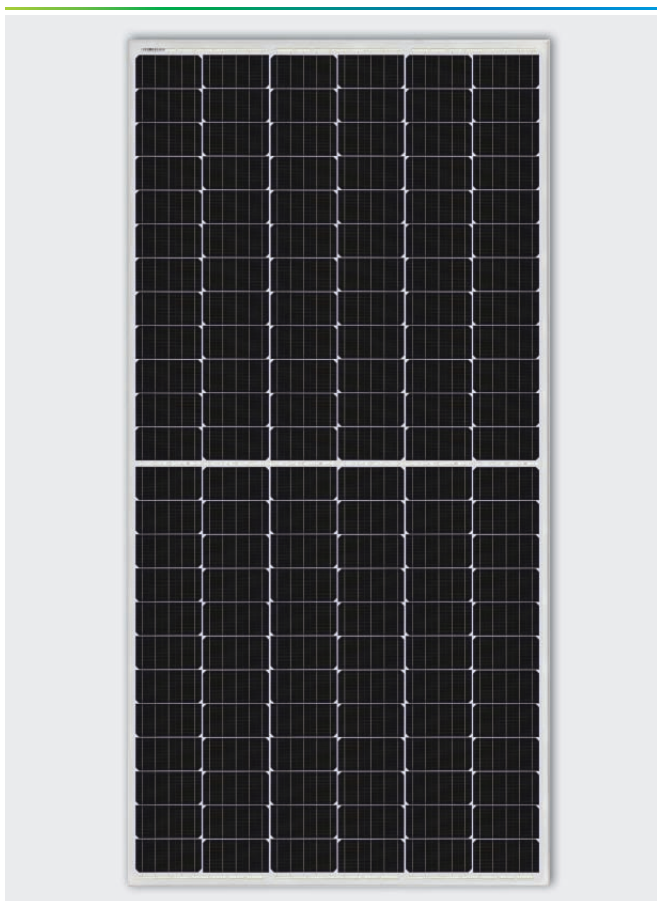


CEC6-72MDHV

Mono-crystalline Solar Module (72 Cells)

430~450W
POWER OUTPUT RANGE

19.32%~20.46%
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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Tel: 400-118-0518

Fax: +86-511-8558 7711

Web: www.cecpsolar.com

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

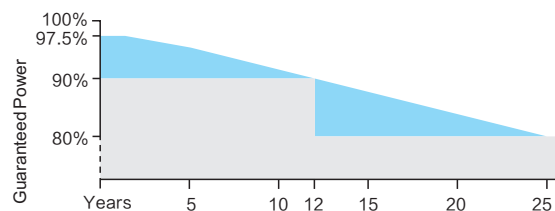


ISO9001, ISO14001, OHSAS18001
International Standard: Quality, Environment, and Occupational Health and Safety Management System

Warranty

- Warranty for product materials and processes within 10 years
- Power output not less than 91.45% within 12 years
- Power output not less than 84.3% within 25 years

Linear Warranty



Certifications





Parameters of Module

Electrical parameters (Standard test condition)	CEC6-72-430MDHV	CEC6-72-435MDHV	CEC6-72-440MDHV	CEC6-72-445MDHV	CEC6-72-450MDHV
Maximum power-Pmax(Wp)	430	435	440	445	450
Maximum operating voltage-Vmp(V)	41.42	41.44	41.64	41.84	42.04
Maximum operating current-Imp(A)	10.43	10.50	10.57	10.64	10.71
Open-circuit voltage-Voc(V)	49.61	49.81	50.01	50.21	50.28
Short-circuit current-Isc(A)	11.08	11.15	11.22	11.29	11.36
Maximum system voltage-Vdc(V)	1500	1500	1500	1500	1500
Module efficiency(%)	19.55%	19.78%	20.00%	20.23%	20.46%
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 monocrystalline silicon solar cells, a group of 144 cells (24×6)
Glass	2 mm thick low-iron tempered glass with high light transmittance
Frame	Frame is made of anodized aluminum
Junction Box	IP Grade: IP68

Mechanical Characteristics

Dimension	2111*1042*30mm
Mounting hole size	400*991,990*991,1300*991mm
Cable Length	300mm
Weight	29Kg

Temperature Rating

Nominal Module Operating Temperature (NMOT)	42°C ± 2°C
Maximum Power (Pmax) Temperature Coefficient (δ (%/°C))	-0.38
Open-circuit voltage (Voc) Temperature coefficient (β (%/°C))	-0.29
Short circuit current (Isc) Temperature coefficient (α (%/°C))	0.04

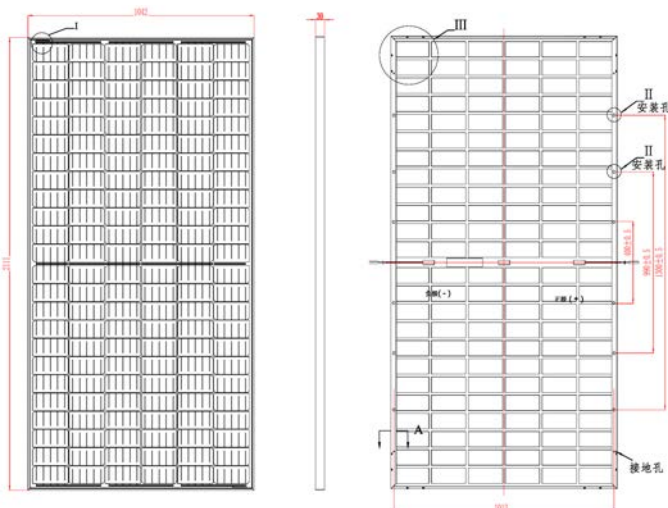
Mode of Packing

Flatcar	Pieces per case	36 pcs/case
	Quantity per pallet	2 case/pallet
40 Feet Container	Pieces per case	36 pcs/case
	Quantity per pallet	2 case/pallet
	Pieces per container	792 pcs/40' HQ

Limit Parameters

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

Assembly Drawing



Front view

Lateral view

Back view

I-V Curve (450W)

