

Mono-crystalline Solar Module (72Cells)

CEC6-72MH

440~460W
POWER OUTPUT RANGE

20.2%~21.2%
MODULE EFFICIENCY

PRODUCT CHARACTERISTICS

- ◆ Light weight, easy to install, high cost performance, high efficiency
- ◆ Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal)
- ◆ Guaranteed output: 0~+5W
- ◆ Excellent performance in weak light condition, such as cloudy, morning and sunset
- ◆ Independently certification by international certification authorities, include IEC61215,IEC61730,CE



LINEAR WARRANTY AND CERTIFICATION



1st year Power output not less than 98%



Warranty for product materials and processes within 12 years



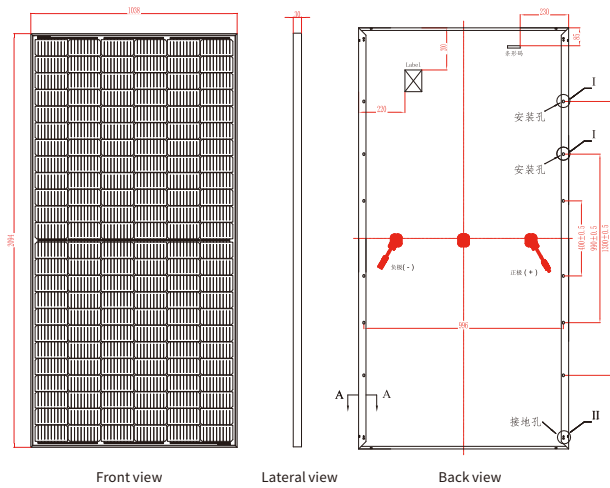
Power output not less than 91.95% within 12 years



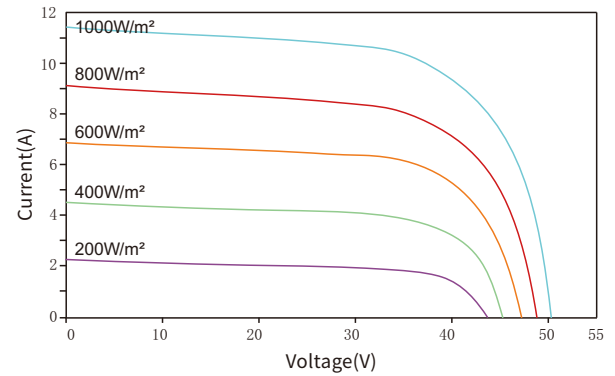
Power output not less than 84.8% within 25 years

QUALITY OF CENTRAL ENTERPRISE SERVICE GUARANTEE

Assembly Drawing



I-V Curve (450W)



Limit Parameters

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

Mechanical Characteristics

Cell type	166*83mm monocrystalline silicon solar cells, a group of 144 cells (6*24)
Glass	3.2 mm thick low-iron tempered glass with high light transmittance
Junction Box	IP Grade: IP68

Temperature Rating

Nominal Module Operating Temperature (NMOT)	42°C ± 2°C
Maximum Power (Pmax) Temperature Coefficient (δ (%/°C))	-0.34
Open-circuit voltage (Voc) Temperature coefficient (β (%/°C))	-0.26
Short circuit current (Isc) Temperature coefficient (α (%/°C))	0.05

Physical Parameter

Dimension	2094*1038*30mm
Mounting hole size	400*996,990*996,1300*996mm
Cable Length	+250mm,-150mm; Customizable
Weight	24Kg

Mode of Packing

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

Parameters of Module

Electrical parameters (Standard test condition)	CEC6-72-440MH/ CEC6-72-440MHV	CEC6-72-445MH/ CEC6-72-445MHV	CEC6-72-450MH/ CEC6-72-450MHV	CEC6-72-455MH/ CEC6-72-455MHV	CEC6-72-460MH/ CEC6-72-460MHV
Maximum power-Pmax(Wp)	440	445	450	455	460
Maximum operating voltage -Vmp(V)	41.02	41.22	41.42	41.62	41.82
Maximum operating current -Imp(A)	10.73	10.80	10.87	10.94	11.01
Open-circuit voltage -Voc(V)	49.61	49.81	50.01	50.21	50.41
Short-circuit current-Isc(A)	11.32	11.39	11.46	11.53	11.59
Maximum system voltage -Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	20.2%	20.5%	20.7%	20.9%	21.2%
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)



让发电更加绿色 / Make Power Generation More Green

江苏省镇江市新区北山路9号/No.9, Beishan Road, New District, Zhenjiang, Jiangsu

网址/Web: www.cecepsolar.com

