

# Mono-crystalline Bifacial Solar Module (66Cells)

## CEC6-66E-MV

**645~670W**  
POWER OUTPUT RANGE

**20.8%~21.6%**  
MODULE EFFICIENCY

### PRODUCT CHARACTERISTICS

- ◆ Light weight, easy to install, high cost performance, high efficiency, Low LCOE, double sided power generation
- ◆ 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



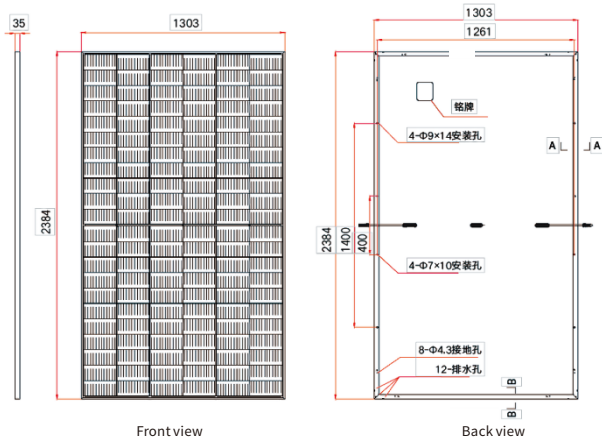
Power output not less than 91.5% within 12 years



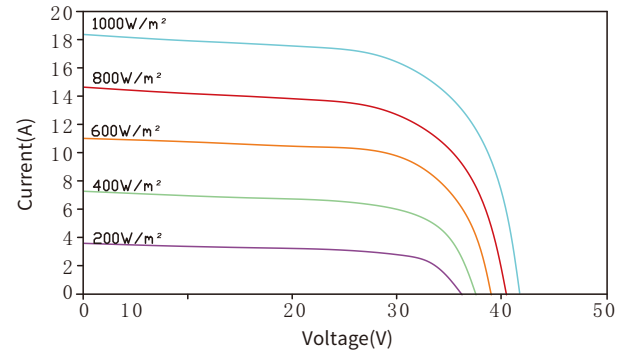
Power output not less than 84.8% within 25 years

# QUALITY OF CENTRAL ENTERPRISE SERVICE GUARANTEE

## Assembly Drawing



## I-V Curve (660W)



## Mechanical Characteristics

Cell type	210*105mm monocrystalline silicon solar cells, a group of 132 cells (11*6*2)
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

## Parameters of Module

Electrical parameters (Standard test condition)	CEC6-66E-645MV	CEC6-66E-650MV	CEC6-66E-655MV	CEC6-66E-660MV	CEC6-66E-665MV	CEC6-66E-670MV
Maximum power-Pmax(Wp)	645	650	655	660	665	670
Maximum operating voltage -Vmp(V)	37.2	37.4	37.6	37.8	38.0	38.2
Maximum operating current -Imp(A)	17.35	17.39	17.43	17.47	17.51	17.55
Open-circuit voltage -Voc(V)	45.1	37.3	45.5	45.7	45.9	46.1
Short-circuit current-Isc(A)	18.39	18.44	18.48	18.53	18.57	18.62
Maximum system voltage -Vdc(V)	1500	1500	1500	1500	1500	1500
Module efficiency(%)	20.8%	20.9%	21.1%	21.2%	21.4%	21.6%
Power tolerance(W)	0/+5W	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>)

## Limit Parameters

Operating temperature	-40°C to +85°C
Maximum fuse current rating	30A

## Physical Parameter

Dimension	2384*1303*35mm
Mounting hole size	400*1261,1400*1261mm
Cable Length	280mm; Customizable
Weight	33.6Kg

## Mode of Packing

13.75m flatcar	Pieces per case	31 pcs/case
	Quantity per pallet	2 case/pallet
	Pieces per container	558pcs



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