

Mono-crystalline Solar Module (60Cells)

CEC6-60E-MV

585~605W
POWER OUTPUT RANGE

20.7%~21.4%
MODULE EFFICIENCY

PRODUCT CHARACTERISTICS

- ◆ Light weight, easy to install, high cost performance, high efficiency, Low LCOE
- ◆ 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

1st year Power output not less than 98%

12
YEAR

Warranty for product materials and processes within 12 years



12
YEAR

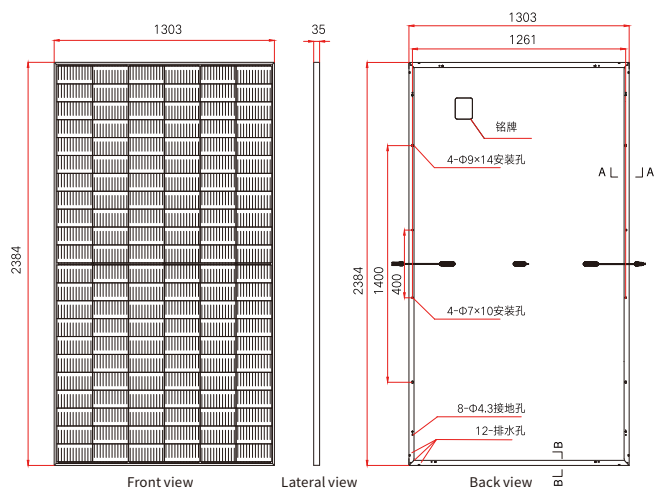
Power output not less than 91.95% within 12 years

25
YEAR

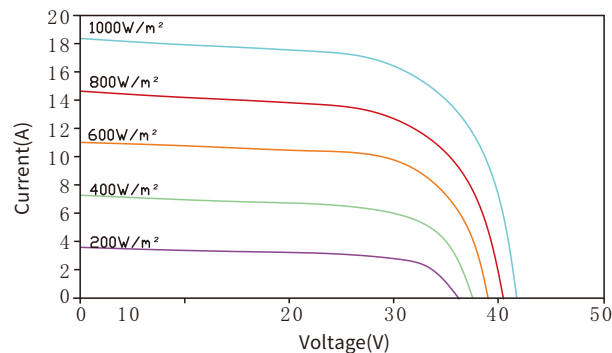
Power output not less than 84.8% within 25 years



Assembly Drawing



I-V Curve (600W)



Limit Parameters

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

Physical Parameter

Dimension	2172*1303*35mm
Mounting hole size	400*1261,1400*1261mm
Cable Length	280mm;Customizable
Weight	30.9Kg

Mechanical Characteristics

Cell type	210*105mm monocrystalline silicon solar cells, a group of 120 cells (6*20)
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

Mode of Packing

13.5m flatcar	Pieces per case	31 pcs/case
	Quantity per pallet	2 case/pallet
	Pieces per container	682pcs

Parameters of Module

Electrical parameters (Standard test condition)	CEC6-60E-585MV	CEC6-60E-590MV	CEC6-60E-595MV	CEC6-60E-600MV	CEC6-60E-605MV
Maximum power-Pmax(Wp)	585	590	595	600	605
Maximum operating voltage -Vmp(V)	33.8	34.0	34.2	34.4	34.6
Maximum operating current -Imp(A)	17.31	17.36	17.40	17.45	17.49
Open-circuit voltage -Voc(V)	40.9	41.1	41.3	41.5	41.7
Short-circuit current-Isc(A)	18.37	18.42	18.47	18.52	18.57
Maximum system voltage -Vdc(V)	1000/1500	1000/1500	1000/1500	1000/1500	1000/1500
Module efficiency(%)	20.7%	20.8%	21.0%	21.2%	21.4%
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)



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