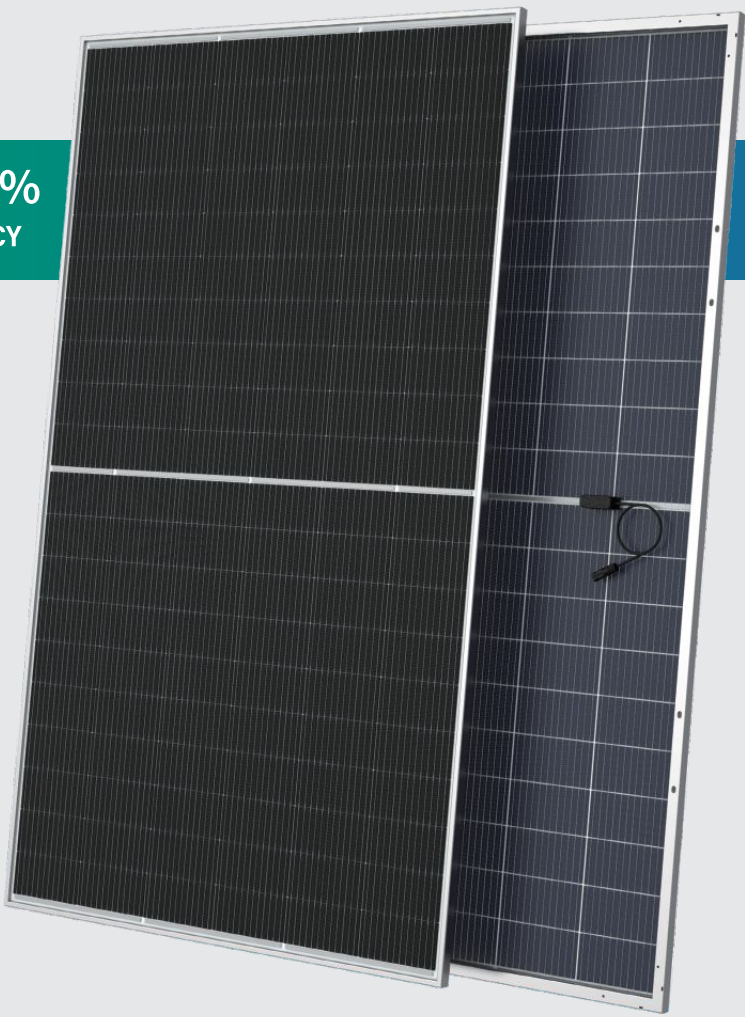


# Mono-crystalline Bifacial Solar Module (60Cells)

## CEC6-60E-MDV

**585~605W**      **20.7%~21.4%**  
**POWER OUTPUT RANGE**      **MODULE EFFICIENCY**



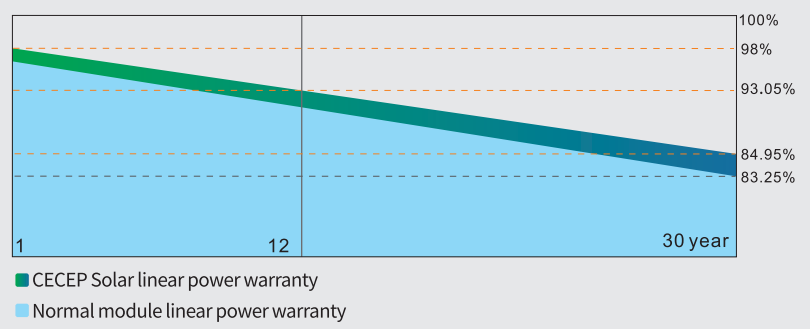
### PRODUCT CHARACTERISTICS

- ◆ 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 certified by international certification authorities, including IEC61215, IEC61730, CE

### LINEAR WARRANTY AND CERTIFICATION

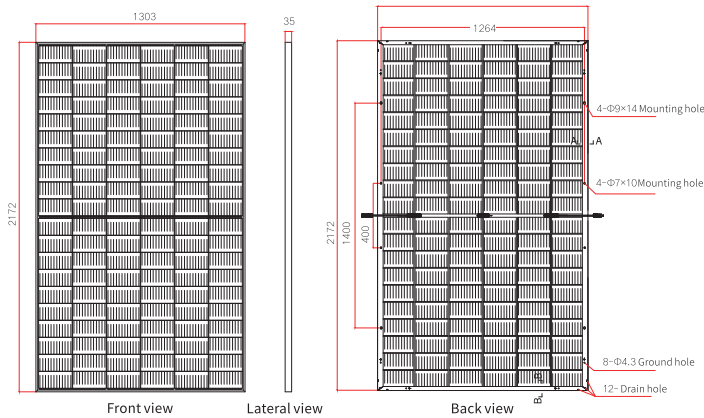


- 1st YEAR** 1st year Power output not less than 98%
- 12 YEAR** Warranty for product materials and processes within 12 years
- 12 YEAR** Power output not less than 93.05% within 12 years
- 30 YEAR** Power output not less than 84.95% within 30 years

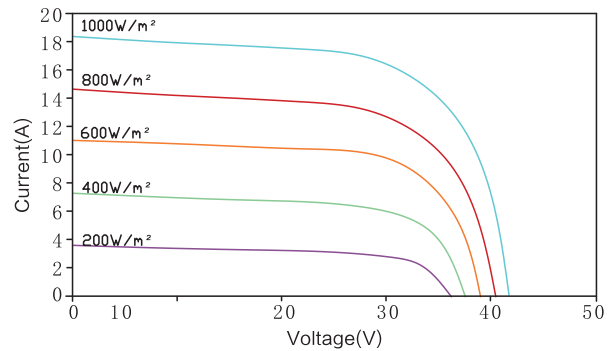


# QUALITY OF CENTRAL ENTERPRISE SERVICE GUARANTEE

## 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*1264,1400*1264mm
Cable Length	280mm; Customizable
Weight	35.3Kg

## Mechanical Characteristics

Cell type	210×105mm monocrystalline silicon solar cells, 120 cells (6×20)
Glass	2.0 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 ( $\delta$ (%/°C))	-0.34
Open-circuit voltage (Voc) Temperature coefficient ( $\beta$ (%/°C))	-0.26
Short circuit current (Isc) Temperature coefficient ( $\alpha$ (%/°C))	0.05

## Mode of Packing

40'HQ Container	Pieces per pallet	31 pcs/pallet
	pallets per container	20 pallets/40'HQ
	Pieces per container	620pcs/40'HQ

## Parameters of Module

Electrical parameters (Standard test condition)	CEC6-60E-585MDV	CEC6-60E-590MDV	CEC6-60E-595MDV	CEC6-60E-600MDV	CEC6-60E-605MDV
Maximum power-Pmax(Wp)	585	590	595	600	605
Maximum operating voltage-Vmp(V)	34.0	34.2	34.4	34.6	34.8
Maximum operating current-Imp(A)	17.21	17.26	17.30	17.35	17.39
Open-circuit voltage -Voc(V)	41.1	41.3	41.5	41.7	41.9
Short-circuit current-Isc(A)	18.26	18.31	18.36	18.42	18.47
Maximum system voltage-Vdc(V)	1500	1500	1500	1500	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 mass AM1.5, irradiance 1000W/m<sup>2</sup>)

## Different back-side power gain (for example 10% irradiance)

	CEC6-60E-585MDV	CEC6-60E-590MDV	CEC6-60E-595MDV	CEC6-60E-600MDV	CEC6-60E-605MDV
Max Power(Wp)	621	626	631	637	642
Max-Power Voltage Vmp(V)	33.8	34.0	34.2	34.4	34.6
Max-Power Current Imp(A)	18.38	18.42	18.46	18.52	18.56
Open-Circuit Voltage Voc(V)	40.9	41.1	41.3	41.5	41.7
Short-Circuit Current Isc(A)	19.48	19.54	19.59	19.65	19.71
Exposure rate-rear/front	10%				



Make Power Generation More Green

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