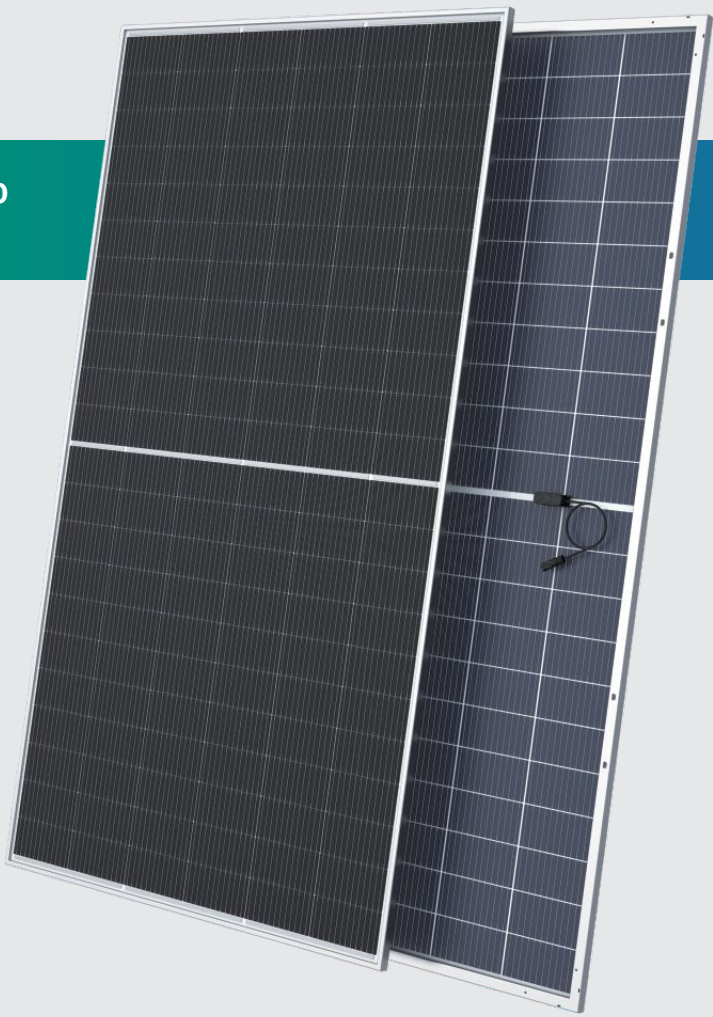


Mono-crystalline Bifacial Solar Module (66Cells)-YunChang

CEC6-66E-MDV

640~665W **20.6%~21.4%**
POWER OUTPUT RANGE **MODULE EFFICIENCY**



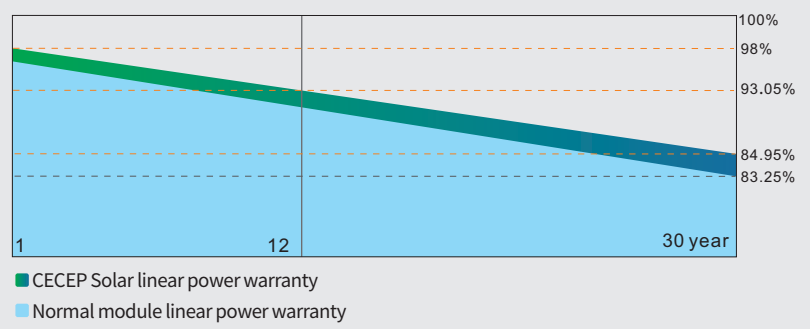
PRODUCT CHARACTERISTICS

- ◆ 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

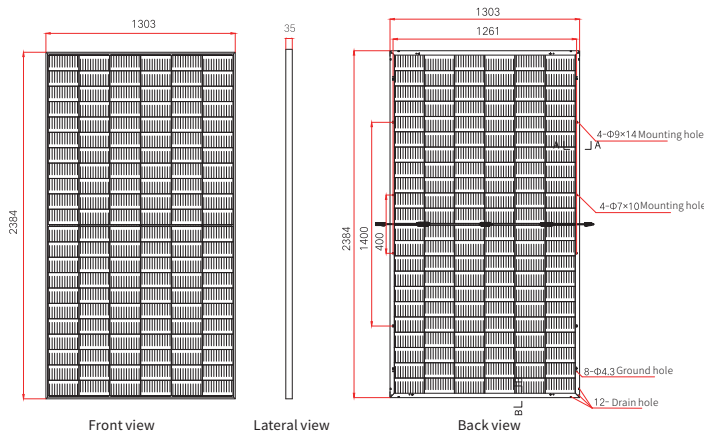


- 1st YEAR** 1st year Power output not less than 98%
- 12 YEAR** Warranty for product materials and processes within 12 years
- 12 YEAR** Power output not less than 93.05% within 12 years
- 30 YEAR** Power output not less than 84.95% within 30 years

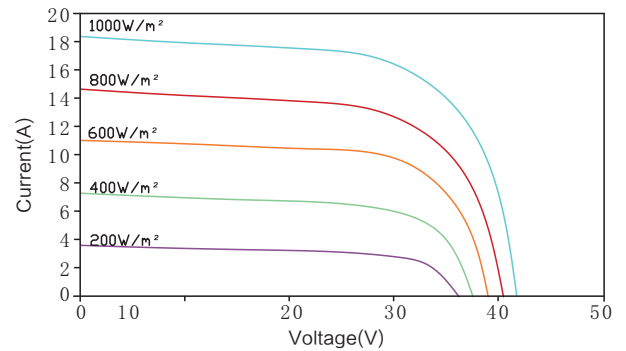


QUALITY OF CENTRAL ENTERPRISE SERVICE GUARANTEE

Assembly Drawing



I-V Curve (660W)



Limit Parameters

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

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 (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 | 2384*1303*35mm |
| Mounting hole size | 400*1264, 1400*1264mm |
| Cable Length | 280mm; Customizable |
| Weight | 38.3Kg |

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 |

组件参数

| Electrical parameters (Standard test condition) | CEC6-66E-640MDV | CEC6-66E-645MDV | CEC6-66E-650MDV | CEC6-66E-655MDV | CEC6-66E-660MDV | CEC6-66E-665MDV |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Maximum power-Pmax(Wp) | 640 | 645 | 650 | 655 | 660 | 665 |
| Maximum operating voltage-Vmp(V) | 37.3 | 37.5 | 37.7 | 37.9 | 38.1 | 38.3 |
| Maximum operating current-Imp(A) | 17.19 | 17.23 | 17.27 | 17.31 | 17.35 | 17.39 |
| Open-circuit voltage -Voc(V) | 45.1 | 45.3 | 45.5 | 45.7 | 45.9 | 46.1 |
| Short-circuit current-Isc(A) | 18.26 | 18.31 | 18.35 | 18.40 | 18.45 | 18.50 |
| Maximum system voltage-Vdc(V) | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| Module efficiency(%) | 20.6% | 20.8% | 20.9% | 21.1% | 21.2% | 21.4% |
| Power tolerance(W) | 0/+5W | 0/+5W | 0/+5W | 0/+5W | 0/+5W | 0/+5W |

Measured values under STC (temperature 25°C, air mass AM1.5, irradiance 1000W/m²)

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

| | 685 | 690 | 696 | 701 | 706 | 712 |
|------------------------------|-------|-------|-------|-------|-------|-------|
| Max Power(Wp) | 685 | 690 | 696 | 701 | 706 | 712 |
| Max-Power Voltage Vmp(V) | 37.3 | 37.5 | 37.7 | 37.9 | 38.1 | 38.3 |
| Max-Power Current Imp(A) | 18.39 | 18.44 | 18.48 | 18.52 | 18.56 | 18.60 |
| Open-Circuit Voltage Voc(V) | 45.1 | 45.3 | 45.5 | 45.7 | 45.9 | 46.1 |
| Short-Circuit Current Isc(A) | 19.54 | 19.59 | 19.63 | 19.69 | 19.74 | 19.79 |
| Exposure rate-rear/front | 10% | | | | | |



Make Power Generation More Green

No.9,Beishan Road,New District,Zhenjiang, Jiangsu,China 212132

Web: www.cecepsolar.com

