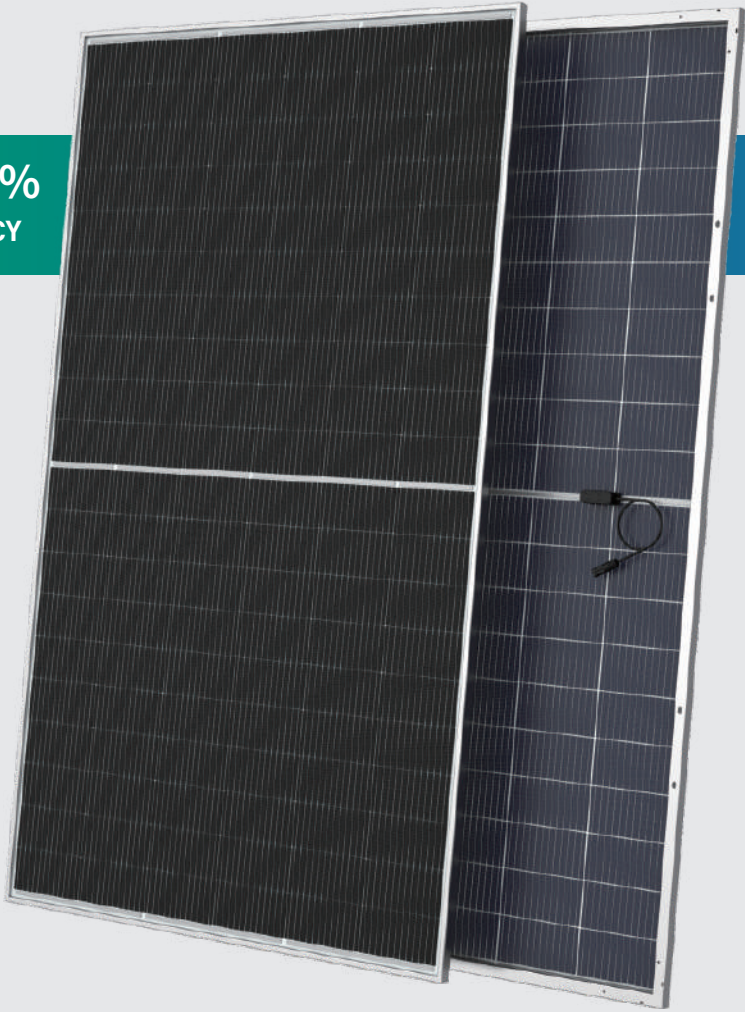


# Mono-crystalline Bifacial Solar Module (72Cells)-YunChang

## CEC6-72TDHV

**540~570W**      **20.9%~22.1%**  
**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

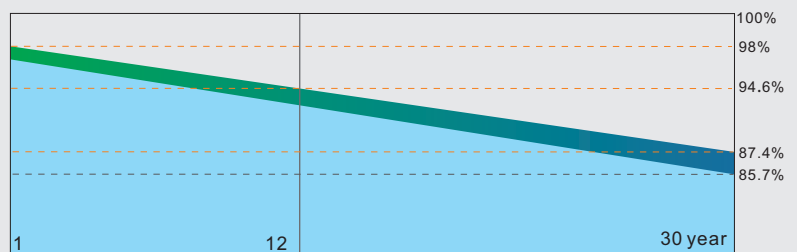


**1st YEAR** 1st year Power output not less than 99%

**12 YEAR** Warranty for product materials and processes within 12 years

**12 YEAR** Power output not less than 94.6% within 12 years

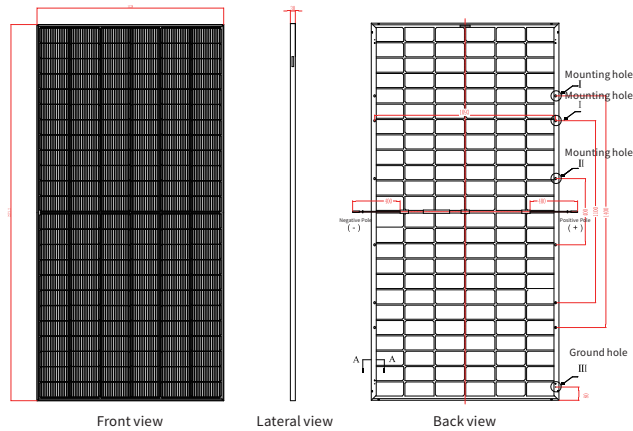
**30 YEAR** Power output not less than 87.4% within 25 years



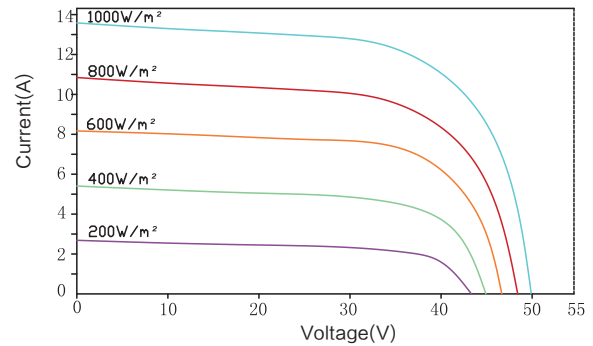
■ CECEP Solar linear power warranty  
 ■ Normal module linear power warranty

# QUALITY OF CENTRAL ENTERPRISE SERVICE GUARANTEE

## Assembly Drawing



## I-V Curve (545W)



## Limit Parameters

Operating temperature	-40°C to +85°C
Maximum fuse current rating	25A

## Physical Parameter

Dimension	2279*1134*30mm/2278*1134*30mm
Mounting hole size	400*1093,990*1093,1400*1093mm
Cable Length	250mm; Customizable
Weight	32.6Kg

## Mechanical Characteristics

Cell type	182×91mm 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 ( $\delta$ (%/°C))	-0.30
Open-circuit voltage (Voc) Temperature coefficient ( $\beta$ (%/°C))	-0.25
Short circuit current (Isc) Temperature coefficient ( $\alpha$ (%/°C))	0.045

## Mode of Packing

40 Feet Container	Pieces per package	36 pcs/package
	Quantity per pallet	2 package/pallet
	Pieces per container	720 pcs/40'GP

## Parameters of Module

Electrical parameters (Standard test condition)	CEC6-72-540TDHV	CEC6-72-545TDHV	CEC6-72-550TDHV	CEC6-72-555TDHV	CEC6-72-560TDHV	CEC6-72-565TDHV	CEC6-72-570TDHV
Maximum power-Pmax(Wp)	540	545	550	555	560	565	570
Maximum operating voltage-Vmp(V)	41.60	41.80	42.00	42.20	42.40	42.60	42.80
Maximum operating current-Imp(A)	12.99	13.04	13.10	13.16	13.21	13.27	13.32
Open-circuit voltage -Voc(V)	49.80	50.00	50.20	50.40	50.60	50.80	51.00
Short-circuit current-Isc(A)	13.75	13.81	13.87	13.93	13.99	14.05	14.11
Maximum system voltage-Vdc(V)	1500	1500	1500	1500	1500	1500	1500
Module efficiency(%)	20.90%	21.10%	21.30%	21.50%	21.70%	21.90%	22.10%
Power tolerance(W)	0/+5W	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/m<sup>2</sup>)

## Different back-side power gain (for example 550W)

Power Gain	5%	10%	15%	20%	25%
Max Power(Wp)	578	605	633	660	688
Max-Power Voltage Vmp(V)	42.00	42.00	42.00	42.00	42.00
Max-Power Current Imp(A)	13.76	14.40	15.07	15.71	16.38
Open-Circuit Voltage Voc(V)	50.20	50.20	50.20	50.20	50.20
Short-Circuit Current Isc(A)	14.57	15.25	15.96	16.33	17.34
Module efficiency	22.40%	23.40%	24.50%	25.50%	26.60%



Make Power Generation More Green

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