

## Mono-Crystalline



Multi busbar technology decreases the distance between main bus bars and finger grid lines which reduces electric current loss and benefit to power increase.



Multi busbar technology adopts a special round welding ribbon which effectively avoid solar cells cracks and micro cracks.



Sun Earth East solar modules are guaranteed to work for more than 30 years so as to guarantee investor's profit.

The modules are proved that the power depreciation is less than 15% after 30 years working.



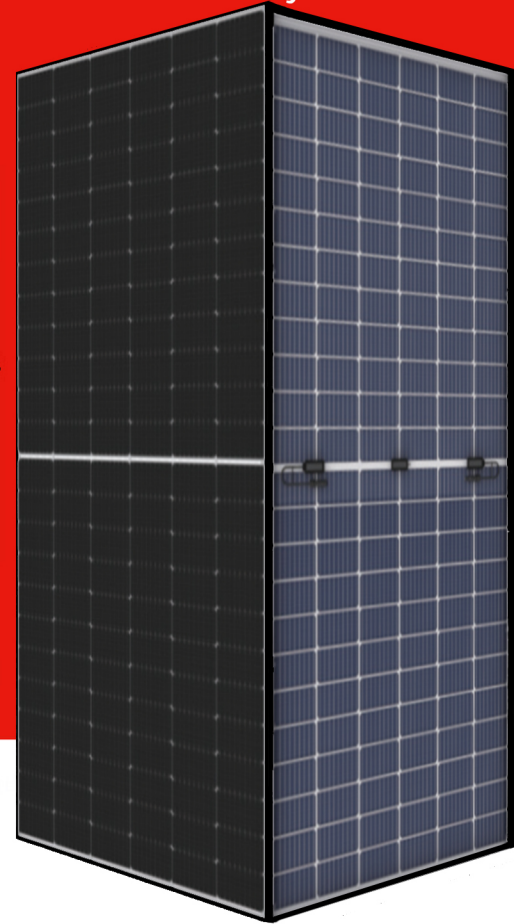
Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.



Higher power output: Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR, The power tolerance of module is 0/+5W.



## M8 Hi-Eff Mono Half Bifacial Module With Dual Glass

**DXM8-72HBG 550W~585W**



# M8 Hi- Eff Mono Half Bifacial Module With Dual Glass

## DXM8-72HBG 550W~585W

### SPECIFICATIONS

	STC					NOCT				
	550W	560W	570W	580W	585W	550W	560W	570W	580W	585W
Rated Power (Pmax):	550W	560W	570W	580W	585W	410.59W	421.20W	428.72W	436.25W	440.01W
Maximum Power (Pmax):	550W	560W	570W	580W	585W	410.59W	421.20W	428.72W	436.25W	440.01W
Rated Voltage at Pmax (Vmp):	41.9V	42.1V	42.3V	42.5V	42.6V	39.46V	39.57V	39.75V	39.94V	40.04V
Rated Current at Pmax (Imp):	13.13A	13.30A	13.48A	13.65A	13.73A	10.56A	10.66A	10.79A	10.93A	11.00A
Open-circuit Voltage (Voc):	49.9V	50.5V	50.9V	51.3V	51.5V	46.71V	47.92V	48.30V	48.68V	48.87V
Short-circuit Current (Isc):	13.99A	14.11A	14.25A	14.39A	14.46A	11.32A	11.40A	11.52A	11.63A	11.69A
Module Efficiency (ηm):	21.3%	21.7%	22.1%	22.5%	22.6%					
Maximum System Voltage:						1500VDC				
Application Class:						Class A				
Fire Resistance Class:						Class A				
Maximum Over-Current Rating:						30A				
Operating Temperature:						85% Rh, -40°C ~ +85°C				
Maximum Snow Loads (front):						5400Pa				
Maximum Wind Loads (front & back):						2400Pa				
Maximum Hailstone Impact (diameter @ 23m/s):						25mm				

- STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, Air mass AM1.5 according to EN60904-3.
- NOCT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C/s, wind Speed 1m/s.
- Average efficiency reduction of 4.5% at 200W/ m<sup>2</sup> according to EN60904-1.

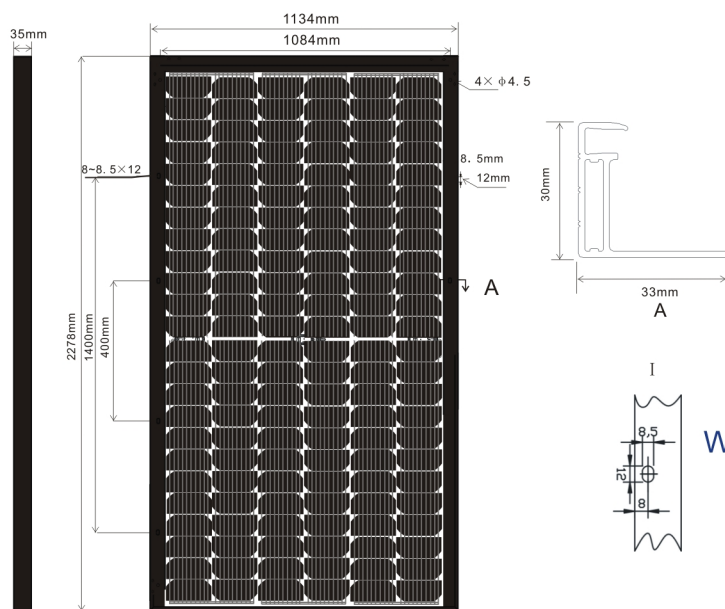
### Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45±2°C
Temperature Coefficient of Pmax (γ Pmp):	-0.30%/°C
Temperature Coefficient of Voc (β Voc):	-0.23%/°C
Temperature Coefficient of Isc (α Isc):	+0.04%/°C

### Construction Characteristics:

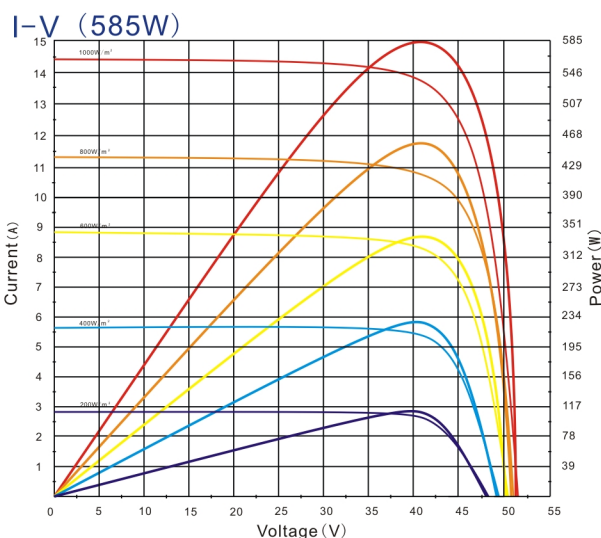
Front Cover :	Anti-Reflection Coating Glass/2.0mm
Back Cover :	Heat Strengthened Glass/2.0mm
Cell:	144 pcs mono-crystalline 182×91mm
Anodized aluminum alloy Frame :	■ silver ■ black
Junction Box (protection degree):	IP68
Cable (length/cross-sectional area):	(+) : 400mm, (-) : 300mm or Customized Length/4mm <sup>2</sup>
Connector (protection degree):	IP68
Module Dimension (L×W×H):	2278×1134×30mm
Weight:	32.0±3% kg

### Dimensions (tolerance ±2mm)

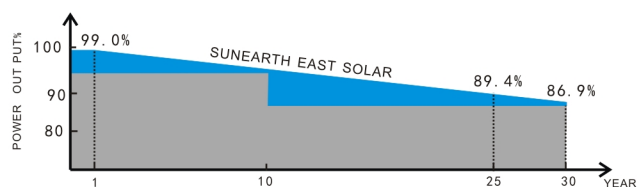


### Bifacial Output-Rearside Power Gain

5% Maximum Power (Pmax)	578W	588W	599W	609W	614W
Module Efficiency STC (%)	22.36%	22.76%	23.17%	23.57%	23.78%
15% Maximum Power (Pmax)	633W	644W	656W	667W	673W
Module Efficiency STC (%)	24.48%	24.93%	25.37%	25.82%	26.04%
25% Maximum Power (Pmax)	688W	700W	713W	725W	731W
Module Efficiency STC (%)	26.61%	27.10%	27.58%	28.07%	28.31%



### Warranty:



Please refer to Sun Earth East Solar Product Warranty for details.

