

## 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.

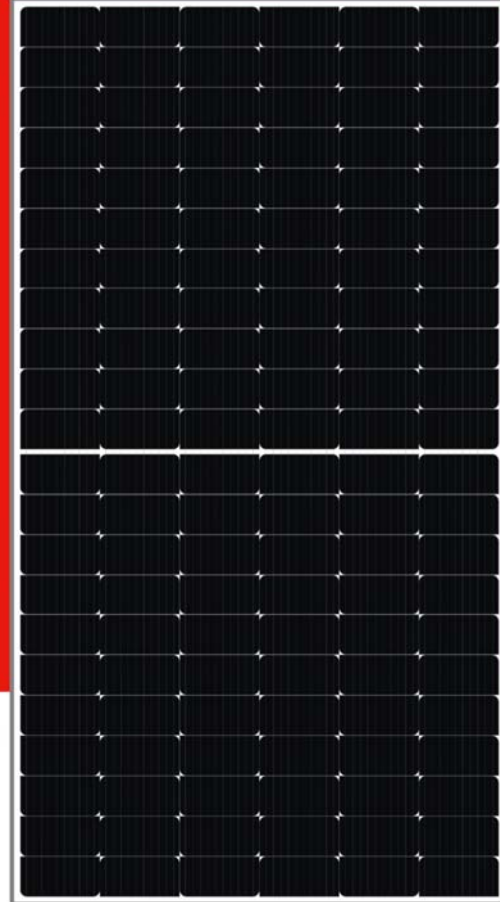


The modules are proved that the power depreciation is less than 18% after 30 years working.

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



Superior design: module efficiency is up to 22.53% with white EVA ( the maximum output power of 132pcs series is up to 535W ) , The power tolerance of module is 0/+5W.



## M8 Hi-Eff Mono Half Cells

**DXM8-66H 500W~535W**



# M8 Hi- Eff Mono Half Cells

## DXM8-66H 500W~535W

### SPECIFICATIONS

	STC			NOCT		
	500W	525W	535W	500W	525W	535W
Rated Power (Pmax):	500W	525W	535W	373.26W	394.88W	402.4W
Maximum Power (Pmax):	500W	525W	535	373.26W	394.88W	402.4W
Rated Voltage at Pmax (Vmp):	38.3V	38.8V	39.0V	36.07V	36.47V	36.65V
Rated Current at Pmax (Imp):	13.05A	13.53A	13.72A	10.50A	10.84A	10.99A
Open-circuit Voltage (Voc):	45.7V	46.8V	47.2V	42.77V	44.41V	44.79V
Short-circuit Current (Isc):	13.92A	14.27A	14.42A	11.26A	11.53A <td 11.65A	
Module Efficiency (ηm):	21.1%	22.1%	22.5%			
Maximum System Voltage:	1500VDC					
Application Class:	Class A					
Fire Resistance Class:	Class C					
Maximum Over-Current Rating:	25A					
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.
- Measurement tolerance ±3%.

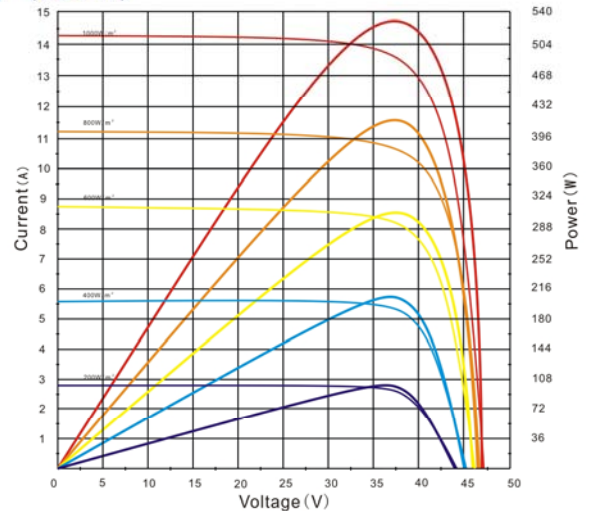
### Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45±2°C
Temperature Coefficient of Pmax (γ Pmp):	-0.35%/°C
Temperature Coefficient of Voc (β Voc):	-0.275%/°C
Temperature Coefficient of Isc (α Isc):	+0.045%/°C

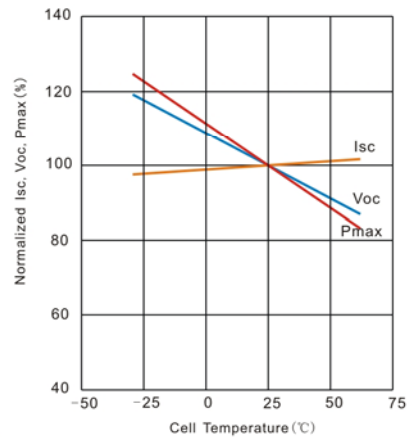
### Construction Characteristics:

Front Cover:	low-iron tempered glass/3.2mm
Cell:	132 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):	2094×1134×35mm
Weight:	25.5±3% kg
PV Connectors Make and Model:	Forsol/SIKE6
Country of manufacturer:	China

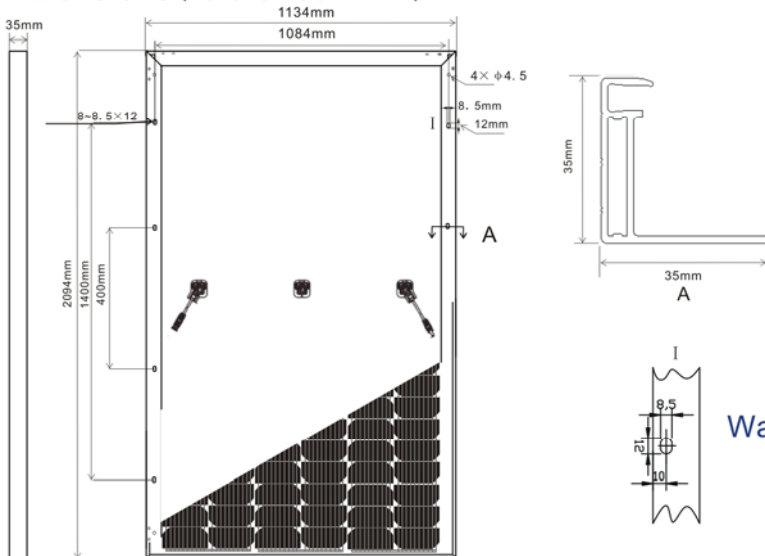
### I-V (535W)



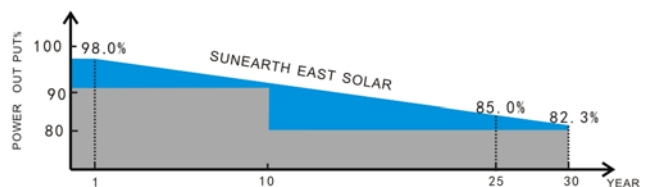
### Temperature Dependence of Isc, Voc, Pmax



### Dimensions (tolerance ±2mm)



### Warranty:



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

