

Mono-Crystalline



Multi busbar technology decreases the distance between main bus bars and finger grid lines which reduces electric current lose 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.

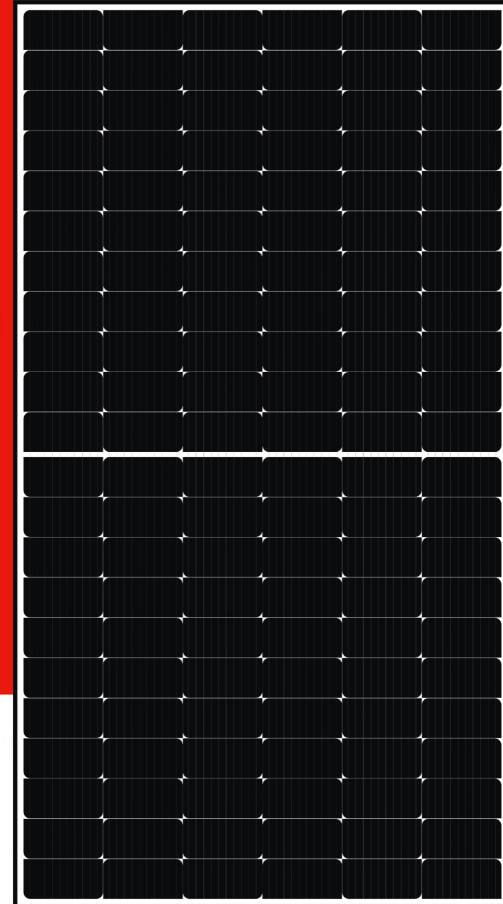


Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.

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

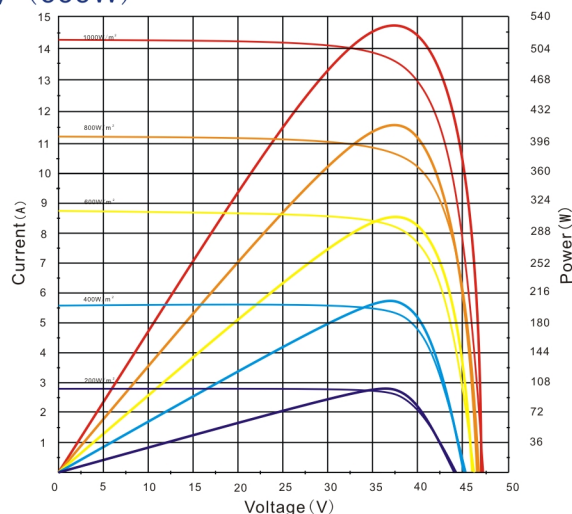
DXM8-66H 500W~535W

SPECIFICATIONS

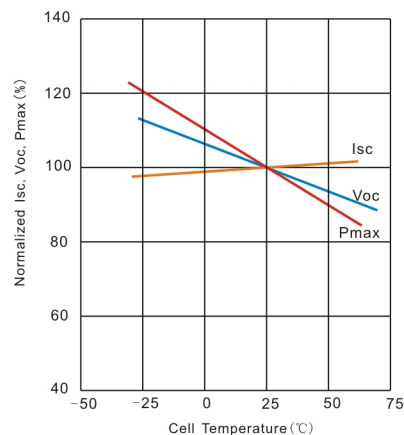
	STC					NOCT				
Rated Power (Pmax):	500W	510W	520W	530W	535W	500W	510W	520W	530W	535W
Maximum Power (Pmax):	500W	510W	520W	530W	535W	373.26W	383.60W	391.12W	398.64W	402.40W
Rated Voltage at Pmax (Vmp):	38.3V	38.5V	38.7V	38.9V	39.0V	36.07V	36.18V	36.37V	36.56V	36.65V
Rated Current at Pmax (Imp):	13.05A	13.25A	13.44A	13.62A	13.72A	10.50A	10.61A	10.76A	10.91A	10.99A
Open-circuit Voltage (Voc):	45.7V	46.2V	46.6V	47.0V	47.2V	42.77V	43.84V	44.22V	44.60V	44.79V
Short-circuit Current (Isc):	13.92A	14.05A	14.20A	14.35A	14.42A	11.26A	11.35A	11.48A	11.60A	11.65A
Module Efficiency (ηm):	21.1%	21.5%	21.9%	22.3%	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/m², Cell temperature 25°C, Air mass AM1.5 according to EN60904-3.
- NOCT: Irradiance 800W/m², Ambient temperature 20°C/s, wind Speed 1m/s.
- Average efficiency reduction of 4.5% at 200W/ m² according to EN60904-1.

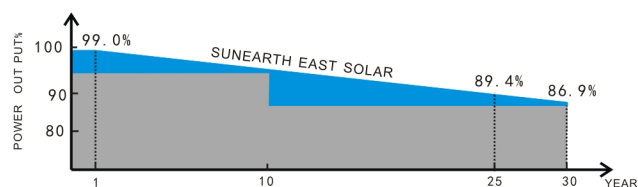
I-V (535W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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

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:	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 ²
Connector (protection degree):	IP68
Insulation Layer:	■ white ■ black
Module Dimension (L×W×H):	2094×1134×35mm

Weight: 25.5±3% kg

Dimensions (tolerance ±2mm)

