

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.



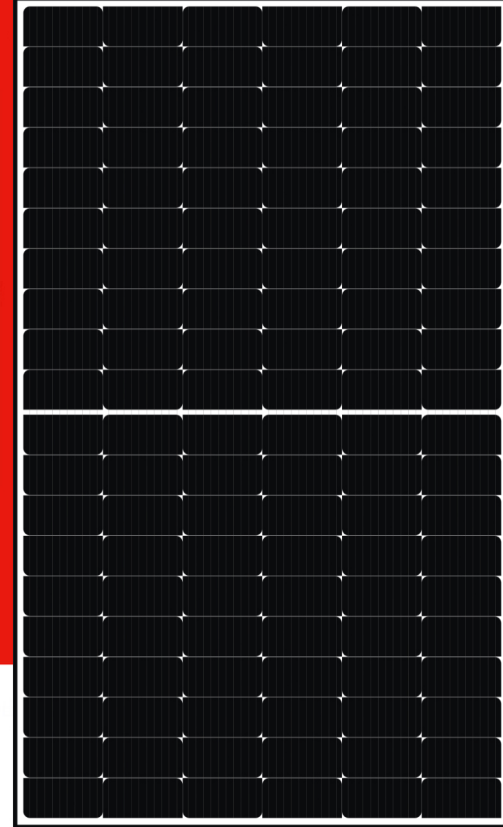
Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.



Superior design: module efficiency is up to 22.42% with white EVA (the maximum output power of 120pcs series is up to 485W) , The power tolerance of module is 0/+5W.



M8 Hi-Eff Mono Half Cells

DXM8-60H 455W~485W



M8 Hi- Eff Mono Half Cells

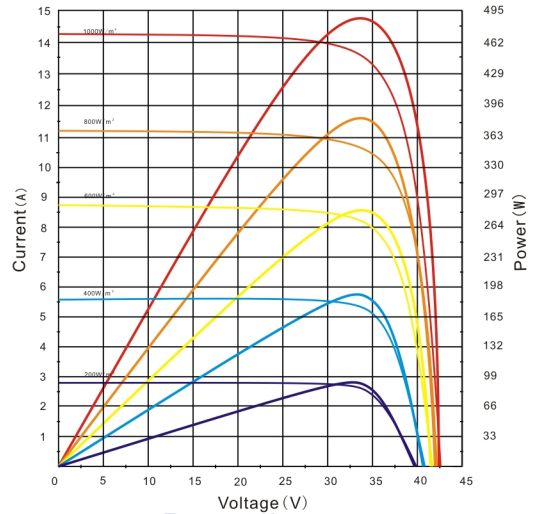
DXM8-60H 455W~485W

SPECIFICATIONS

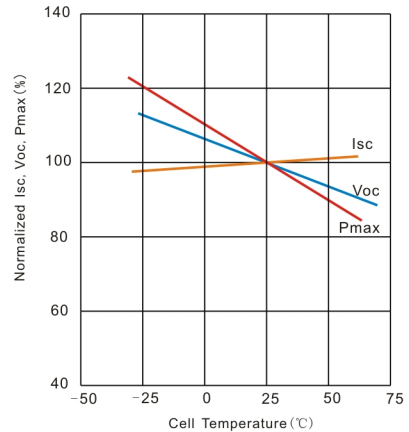
	STC					NOCT				
	455W	460W	470W	480W	485W	455W	460W	470W	480W	485W
Rated Power (Pmax):	455W	460W	470W	480W	485W	339.67W	345.99W	353.51W	361.03W	364.79W
Maximum Power (Pmax):	455W	460W	470W	480W	485W	32.78V	32.89V	33.08V	33.27V	33.36V
Rated Voltage at Pmax (Vmp):	34.8V	35.0V	35.2V	35.4V	35.5V	10.51A	10.53A	10.70A	10.86A	10.94A
Rated Current at Pmax (Imp):	13.07A	13.14A	13.35A	13.56A	13.66A	38.84V	39.66V	40.04V	40.42V	40.61V
Open-circuit Voltage (Voc):	13.92A	14.00A	14.17A	14.34A	14.42A	11.26A	11.31A	11.45A	11.59A	11.65A
Short-circuit Current (Isc):	21.0%	21.3%	21.7%	22.2%	22.4%					
Module Efficiency (ηm):	Maximum System Voltage: 1500VDC									
Maximum System Voltage:	Application Class: Class A									
Application Class:	Fire Resistance Class: Class C									
Fire Resistance Class:	Maximum Over-Current Rating: 25A									
Maximum Over-Current Rating:	Operating Temperature: 85% Rh, -40°C ~ +85°C									
Operating Temperature:	Maximum Snow Loads (front): 5400Pa									
Maximum Snow Loads (front):	Maximum Wind Loads (front & back): 2400Pa									
Maximum Wind Loads (front & back):	Maximum Hailstone Impact (diameter @ 23m/s): 25mm									
Maximum Hailstone Impact (diameter @ 23m/s):										

- 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.

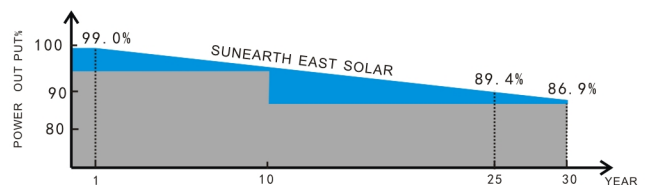
I-V (485W)



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:	120 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
Module Dimension (L×W×H):	1908×1134×30mm
Weight:	23.0±3% kg

Dimensions (tolerance ±2mm)

