

## Mono-Crystalline



9BB technology decreases the distance between main bus bars and finger grid lines which reduces electric current loss and benefit to power increase.



9BB 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 25 years so as to guarantee investor's profit. The modules are proved that the power depreciation is less than 20% after 25 years working.



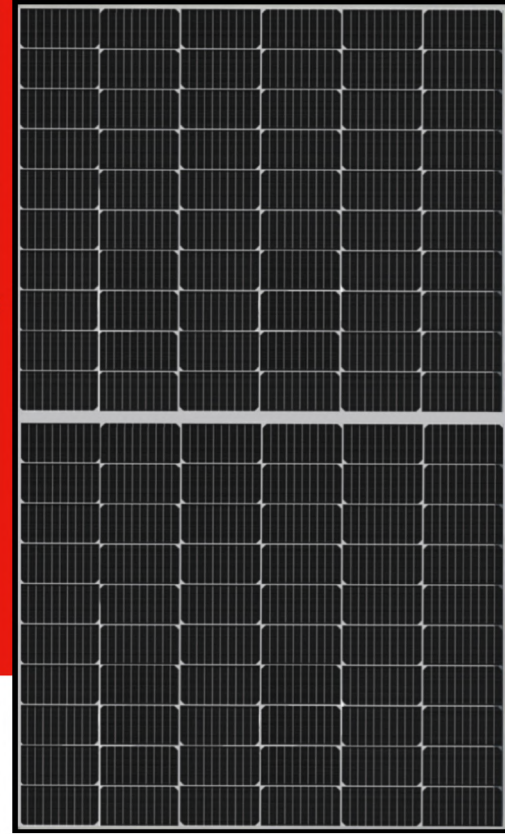
Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.



Superior design: module efficiency is up to 20.51% with white EVA ( the maximum output power of 120pcs series is up to 380W ) , The power tolerance of module is 0/+5W.



## M7 Hi-Eff Mono Half Cells

**DXM7-60H 365W~380W**



# M7 Hi- Eff Mono Half Cells

## DXM7-60H 365W~380W

### SPECIFICATIONS

	STC				NOCT			
	365W	370W	375W	380W	365W	370W	375W	380W
Rated Power (Pmax):	365W	370W	375W	380W	269.55W	273.25W	276.94W	283.68W
Maximum Power (Pmax):	365W	370W	375W	380W	269.55W	273.25W	276.94W	283.68W
Rated Voltage at Pmax (Vmp):	34.3V	34.4V	34.5V	34.6V	31.89V	31.99V	32.08V	32.59V
Rated Current at Pmax (Imp):	10.64A	10.76A	10.87A	10.98A	8.56A	8.65A	8.74A	8.83A
Open-circuit Voltage (Voc):	41.4V	41.5V	41.6V	41.7V	38.54V	38.64V	38.73V	39.03V
Short-circuit Current (Isc):	11.19A	11.27A	11.35A	11.42A	9.06A	9.13A	9.19A	9.24A
Module Efficiency (ηm):	19.7%	20.0%	20.2%	20.5%				
Maximum System Voltage:	1500VDC							
Application Class:	Class A							
Fire Resistance Class:	Class C							
Maximum Over-Current Rating:	20A							
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.

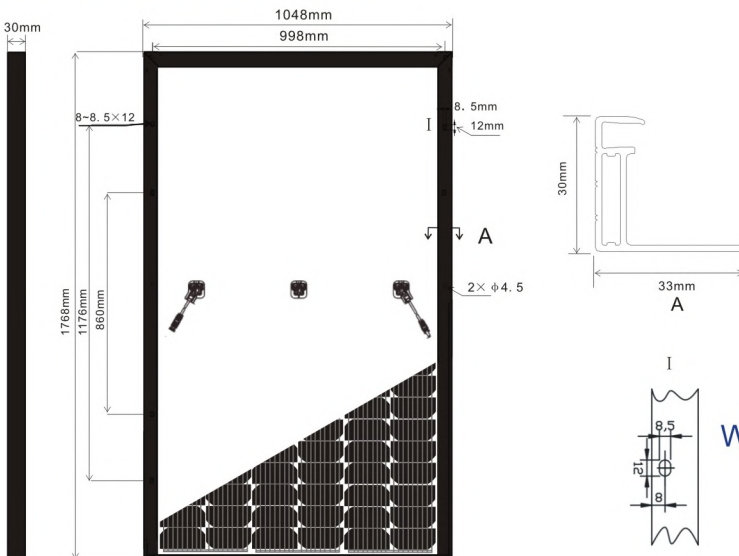
### Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45±2°C
Temperature Coefficient of Pmax (γ Pmp):	-0.4%/°C
Temperature Coefficient of Voc (β Voc):	-0.3%/°C
Temperature Coefficient of Isc (α Isc):	+0.05%/°C

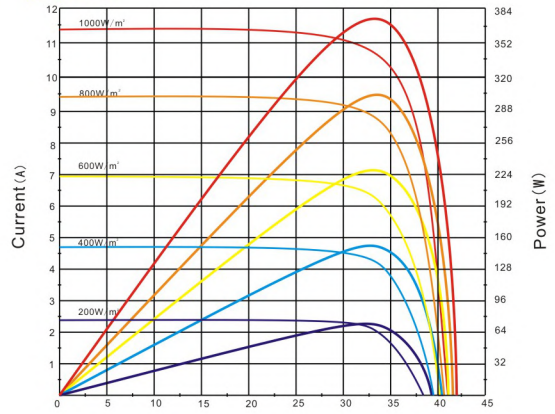
### Construction Characteristics:

Front Cover:	low-iron tempered glass/3.2mm
Cell:	120 pcs mono-crystalline 166×83mm
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):	1768×1048×30mm
Weight:	20.0±3% kg

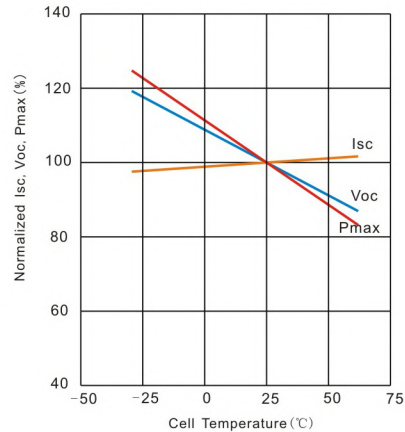
### Dimensions (tolerance ±2mm)



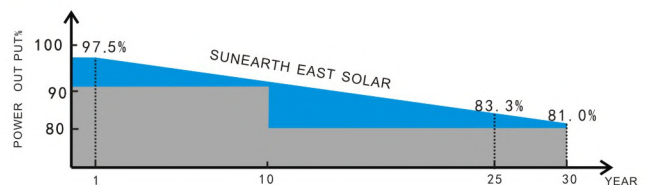
### I-V (380W)



### Temperature Dependence of Isc, Voc, Pmax



### Warranty:



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

