

## Mono-Crystalline



Better performance of uniform current collection, reduce power loss. Offers a better aesthetic appearance, making it perfect for rooftop installation.



Higher module conversion efficiency benefit from PERC half cell structure (low resistance characteristic). Minimizes micro-cracks and improves module reliability.



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.



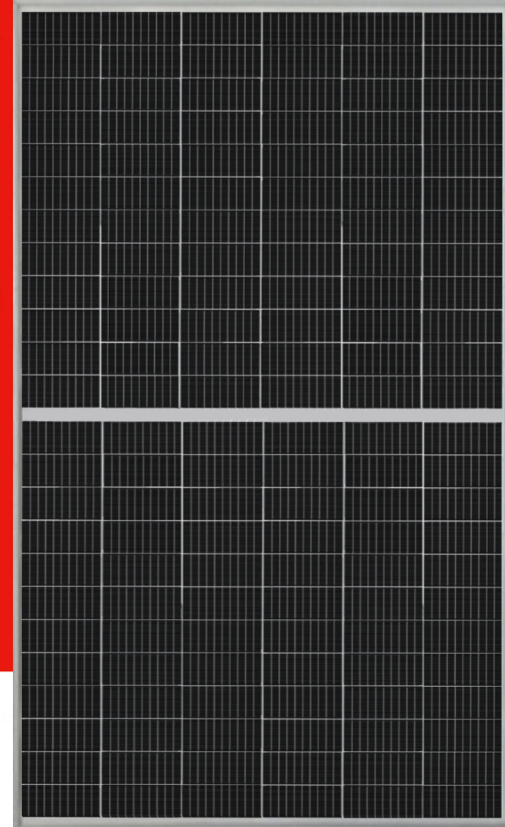
Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.



Superior design: module efficiency is up to 20.52% with white EVA ( the maximum output power of 144pcs series is up to 415W ) , The power tolerance of module is 0/+5W.



## M6 plus Hi-Eff Mono Half Cells

**DXM6-72H 400W~415W**



M6 plus Hi- Eff Mono Half Cells

DXM6-72H 400W~415W

SPECIFICATIONS

	STC				NOCT			
	400W	405W	410W	415W	400W	405W	410W	415W
Rated Power (Pmax):	400W	405W	410W	415W	400W	405W	410W	415W
Maximum Power (Pmax):	400W	405W	410W	415W	295.40W	299.09W	303.03W	306.48W
Rated Voltage at Pmax (Vmp):	40.8V	40.9V	41.0V	41.1V	37.94V	38.03V	38.12V	38.21V
Rated Current at Pmax (Imp):	9.80A	9.90A	10.00A	10.10A	7.88A	7.96A	8.04A	8.12A
Open-circuit Voltage (Voc):	49.3V	49.4V	49.5V	49.6V	45.90V	45.99V	46.08V	46.18V
Short-circuit Current (Isc):	10.30A	10.37A	10.45A	10.54A	8.34A	8.40A	8.48A	8.53A
Module Efficiency (ηm):	19.8%	20.0%	20.3%	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.

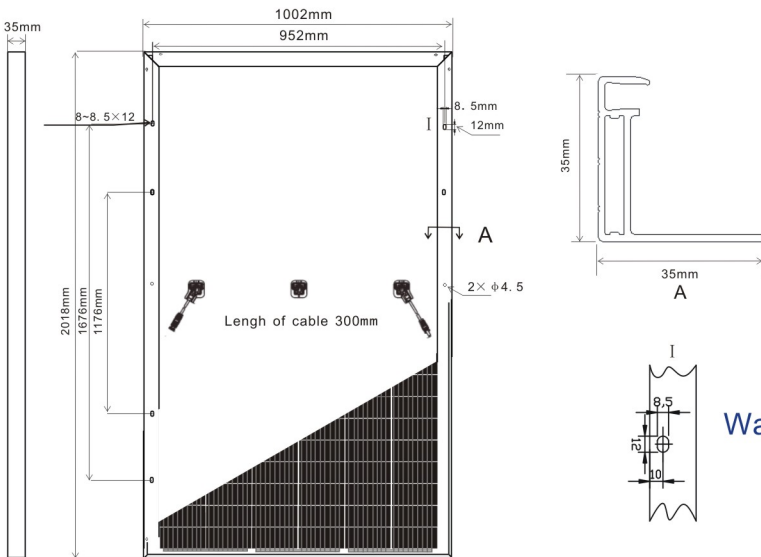
Thermal Characteristics:

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

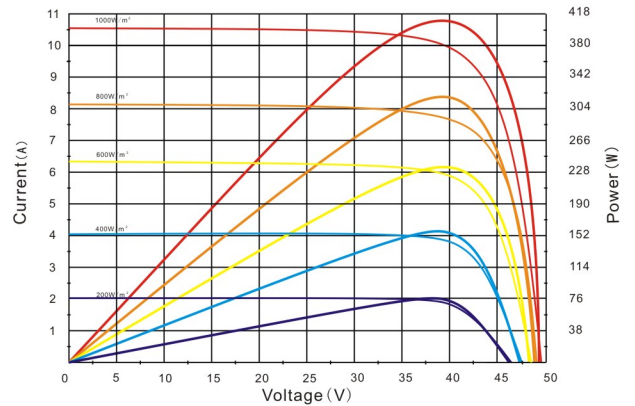
Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell:	144 pcs mono-crystalline 158.75×79.375mm
Anodized aluminum alloy Frame :	■ silver □ black
Junction Box (protection degree):	IP67
Cable (length/cross-sectional area):	300mm/4mm <sup>2</sup>
Connector ( protection degree):	IP67
Module Dimension (L×W×H):	2018×1002×35mm
Weight:	22.0±3% kg

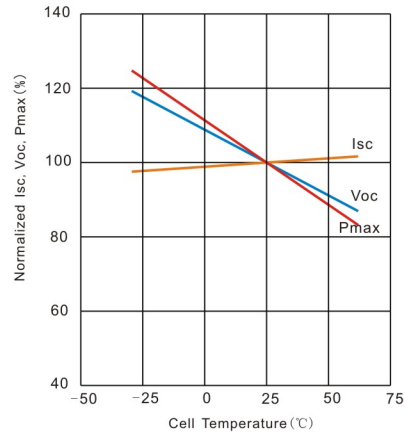
Dimensions (tolerance ±2mm)



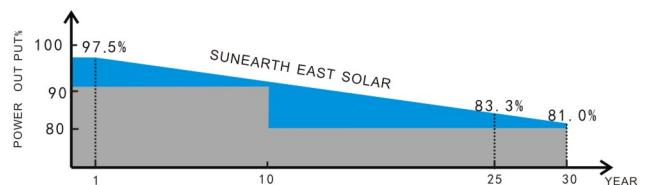
I-V (415W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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

