

Mono-Crystalline



Superior products durability and reliability:

To avoid micro cracks, snail trails and corrosion caused by moisture, dust, salt mist and acid-base.



Low maintenance requirements and superior

fire-protection rating.



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.



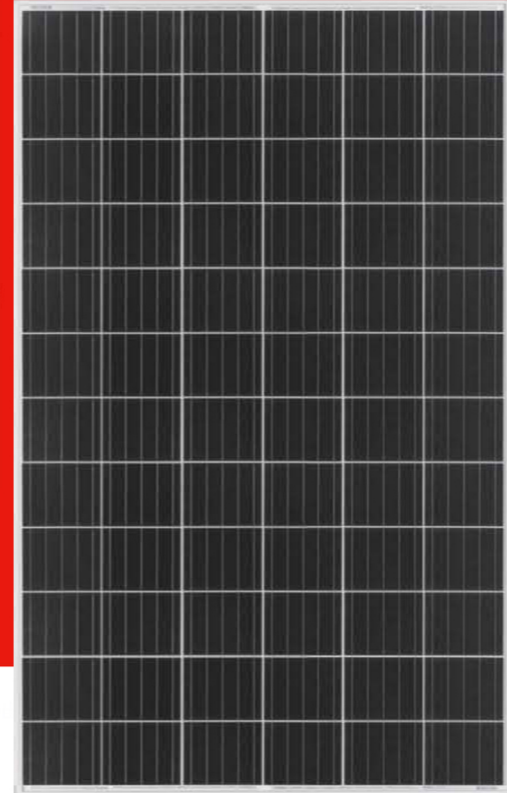
Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.



Superior design: module efficiency is up to 20.17% with white EVA (the maximum output power of 72pcs series is up to 400W) , particularly suitable for light demand projects. The power tolerance of module is 0/+5W.



M6 plus Hi-Eff Mono

DXM6-72P 385W~400W



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SPECIFICATIONS

	STC			NOCT		
Rated Power (Pmax):	385W	395W	400W	385W	395W	400W
Maximum Power (Pmax):	385W	395W	400W	284.32W	291.71W	295.40W
Rated Voltage at Pmax (Vmp):	40.4V	40.7V	40.8V	37.56V	37.84V	37.94V
Rated Current at Pmax (Imp):	9.53A	9.71A	9.80A	7.66A	7.80A	7.88A
Open-circuit Voltage (Voc):	48.9V	49.2V	49.3V	45.53V	45.81V	45.90V
Short-circuit Current (Isc):	10.11A	10.23A	10.30A	8.19A	8.28A	8.34A
Module Efficiency (ηm):	19.4%	19.9%	20.2%			
Maximum System Voltage:	1000VDC					
Application Class:	Class A					
Fire Resistance Class:	Class C					
Maximum Over-Current Rating:	16A					
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.

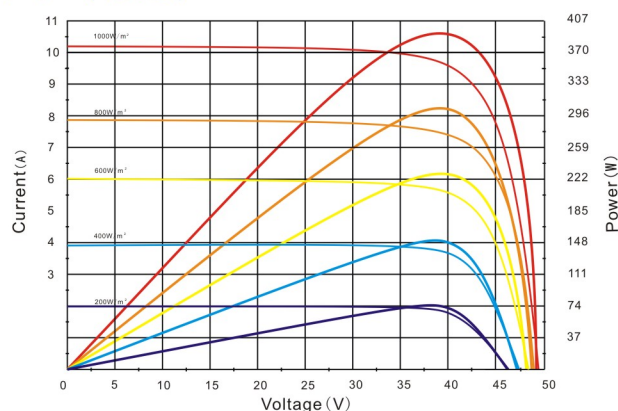
Thermal Characteristics:

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

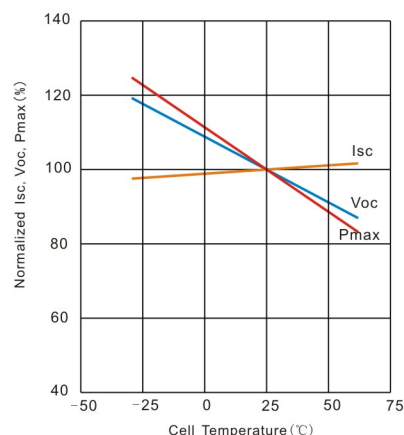
Construction Characteristics:

Front Cover:	low-iron tempered glass/3.2mm
Cell:	72 pcs mono-crystalline 158.75×158.75mm
Anodized aluminum alloy Frame:	■ silver ■ black
Junction Box (protection degree):	IP67
Cable (length/cross-sectional area):	1200mm/4mm ²
Connector (protection degree):	IP67
Module Dimension (L×W×H):	1979×1002×35mm
Weight:	21.5±3% kg

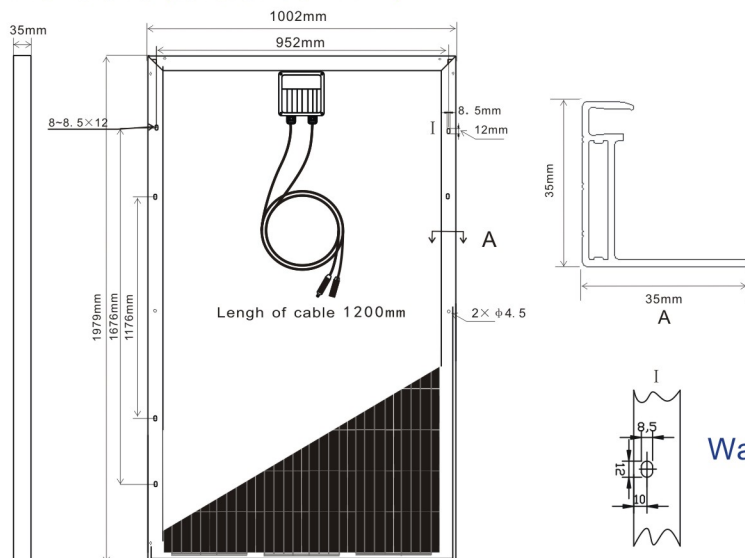
I-V (400W)



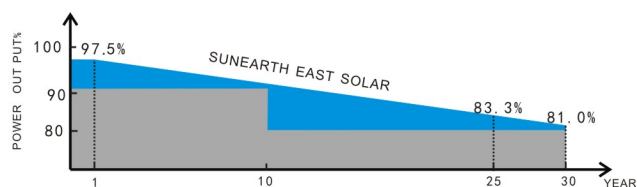
Temperature Dependence of Isc, Voc, Pmax



Dimensions (tolerance ±2mm)



Warranty:



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