

## 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 17.56% with white EVA ( the maximum output power of 72pcs series is up to 380W ), particularly suitable for light demand projects.



## M6 Hi-Eff Mono

**DXM6-72P 360W~380W**



DXM6-72P 360W~380W

SPECIFICATIONS

	STC				NOCT			
	360W	370W	375W	380W	360W	370W	375W	380W
Rated Power (Pmax):	360W	370W	375W	380W	265.86W	273.25W	276.94W	280.63W
Maximum Power (Pmax):	360W	370W	375W	380W	265.86W	273.25W	276.94W	280.63W
Rated Voltage at Pmax (Vmp):	39.2V	39.8V	40.0V	40.2V	36.45V	37.01V	37.19V	37.38V
Rated Current at Pmax (Imp):	9.18A	9.30A	9.38A	9.45A	7.39A	7.48A	7.54A	7.60A
Open-circuit Voltage (Voc):	47.7V	48.2V	48.5V	48.7V	44.41V	44.97V	45.15V	45.34V
Short-circuit Current (Isc):	9.66A	9.96A	10.01A	10.06A	7.82A	7.94A	8.11A	8.15A
Module Efficiency (ηm):	18.5%	19.0%	19.3%	19.6%				
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/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.

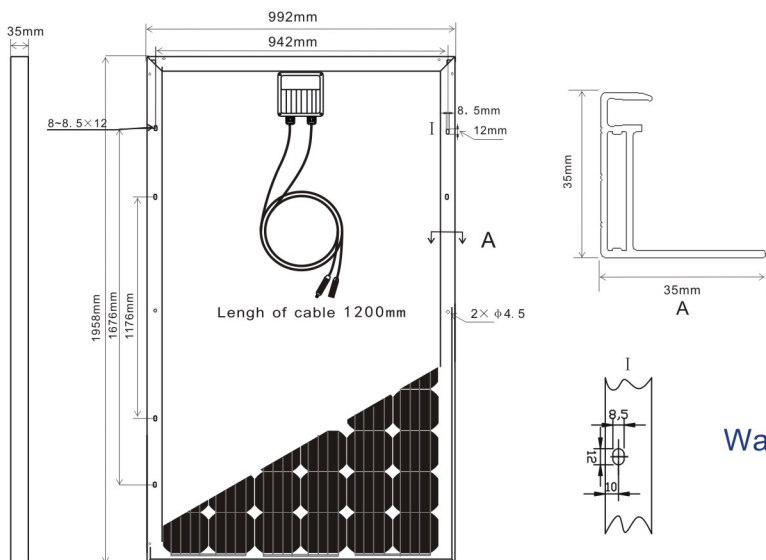
Thermal Characteristics:

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

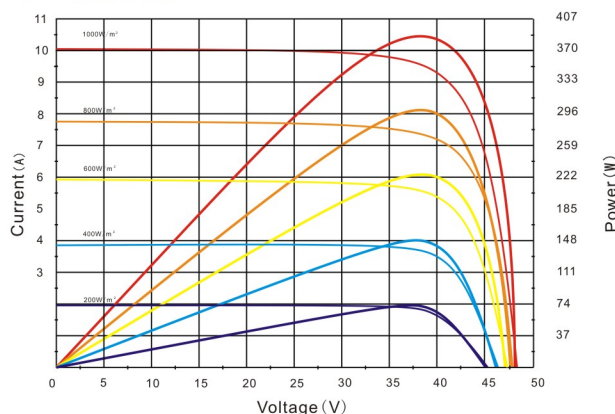
Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell:	72 pcs mono-crystalline 156×156mm
Anodized aluminum alloy Frame :	■ silver □ black
Junction Box (protection degree):	IP67
Cable (length/cross-sectional area):	1200mm/4mm <sup>2</sup>
Connector ( protection degree):	IP67
Module Dimension (L×W×H):	1958×992×35mm
Weight:	21.0±3% kg

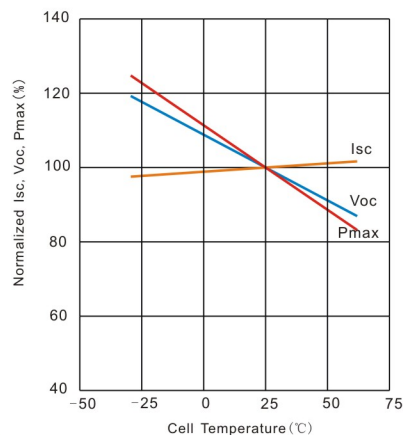
Dimensions (tolerance ±2mm)



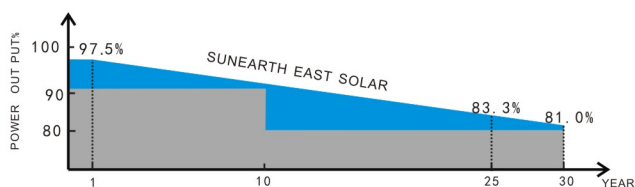
I-V (380W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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

