

## Poly-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 17.76% with white EVA ( the maximum output power of 72pcs series is up to 345W ) , particularly suitable for light demand projects.



## P6 Hi-Eff Poly

## DXP6-72P 325W~345W



DXP6-72P 325W~345W

SPECIFICATIONS

	STC					NOCT				
	325W	330W	335W	340W	345W	325W	330W	335W	340W	345W
Rated Power (Pmax):	325W	330W	335W	340W	345W	240.21W	243.91W	247.60W	251.30W	254.99W
Maximum Power (Pmax):	325W	330W	335W	340W	345W	240.21W	243.91W	247.60W	251.30W	254.99W
Rated Voltage at Pmax (Vmp):	38.2V	38.5V	38.8V	39.1V	39.4V	35.52V	35.80V	36.08V	36.36V	36.63V
Rated Current at Pmax (Imp):	8.51A	8.57A	8.63A	8.70A	8.76A	6.84A	6.89A	6.94A	6.99A	7.04A
Open-circuit Voltage (Voc):	46.2V	46.5V	46.8V	47.1V	47.4V	42.92V	43.20V	43.48V	43.76V	44.04V
Short-circuit Current (Isc):	9.12A	9.19A	9.26A	9.33A	9.40A	7.40A	7.46A	7.51A	7.57A	7.63A
Module Efficiency ( $\eta_m$ ):	16.7%	17.0%	17.2%	17.5%	17.8%					
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.

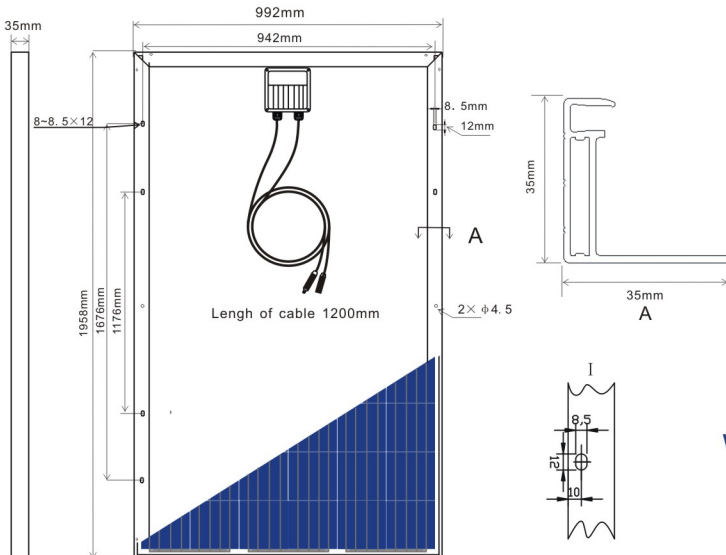
Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45±2°C
Temperature Coefficient of Pmax ( $\gamma_{Pmax}$ ):	-0.41%/°C
Temperature Coefficient of Voc ( $\beta_{Voc}$ ):	-0.31%/°C
Temperature Coefficient of Isc ( $\alpha_{Isc}$ ):	+0.06%/°C

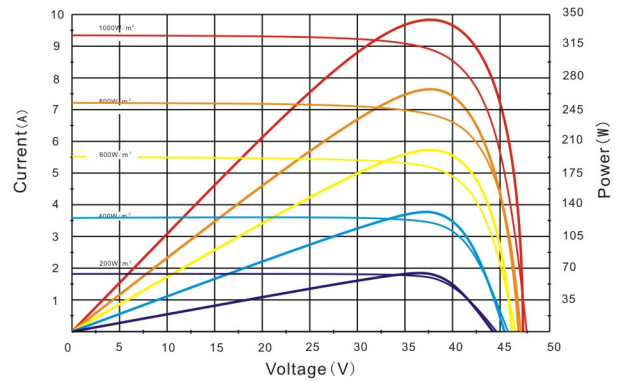
Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell:	72 pcs poly-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

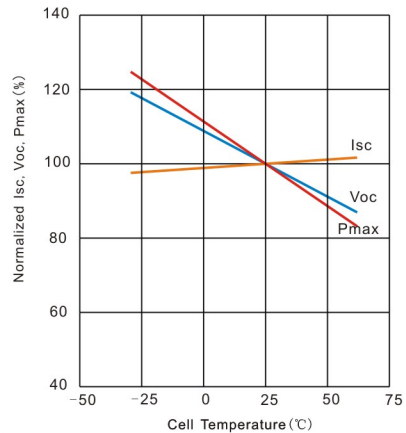
Dimensions (tolerance ±2mm)



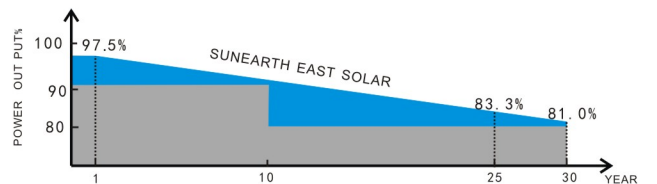
I-V (345W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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