

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 16.97% with white EVA (the maximum output power of 36pcs series is up to 170W) , particularly suitable for light demand projects.



P6 Hi-Eff Poly

DXP6-36P 160W~170W



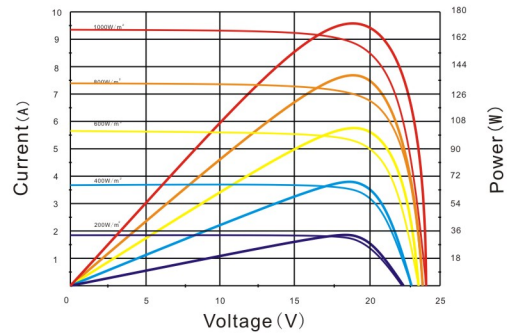
DXP6-36P 160W~170W

SPECIFICATIONS

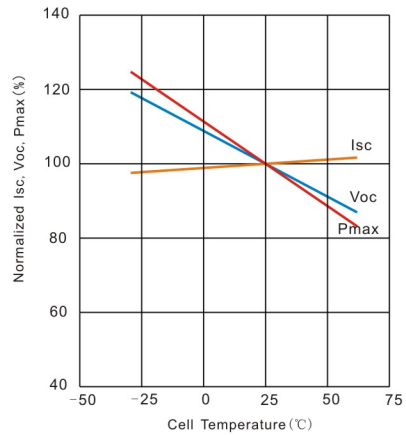
	STC			NOCT		
	160W	165W	170W	160W	165W	170W
Rated Power (Pmax):	160W	165W	170W	160W	165W	170W
Maximum Power (Pmax):	160W	165W	170W	118.26W	121.95W	125.65W
Rated Voltage at Pmax (Vmp):	18.9V	19.2V	19.5V	17.57V	17.85V	18.13V
Rated Current at Pmax (Imp):	8.47A	8.59A	8.72A	6.81A	6.91A	7.01A
Open-circuit Voltage (Voc):	22.9V	23.2V	23.5V	21.28V	21.55V	21.83V
Short-circuit Current (Isc):	9.05A	9.19A	9.33A	7.34A	7.46A	7.57A
Module Efficiency (η m):	16.0%	16.5%	17.0%			
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.

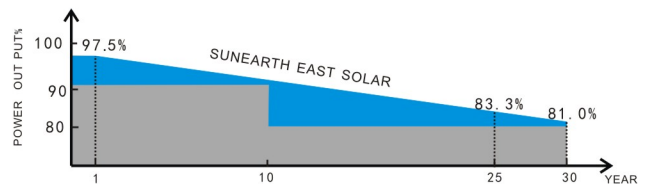
I-V (170W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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

Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45±2°C
Temperature Coefficient of Pmax (γ Pmp):	-0.41%/°C
Temperature Coefficient of Voc (β Voc):	-0.31%/°C
Temperature Coefficient of Isc (α Isc):	+0.06%/°C

Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell:	36 pcs poly-crystalline 156×156mm
Anodized aluminum alloy Frame :	■ silver □ black
Junction Box (protection degree):	IP67
Cable (length/cross-sectional area):	800mm/4mm ²
Connector (protection degree):	IP67
Module Dimension (L×W×H):	1482×676×35mm
Weight:	11.8±3% kg

Dimensions (tolerance ±2mm)

