

Poly-Crystalline



Superior products durability and reliability: decreased 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 16.47% with white EVA (the maximum output power of 36pcs series is up to 165W) , particularly suitable for light demand projects.



155W/160W/165W

DXP6-36P

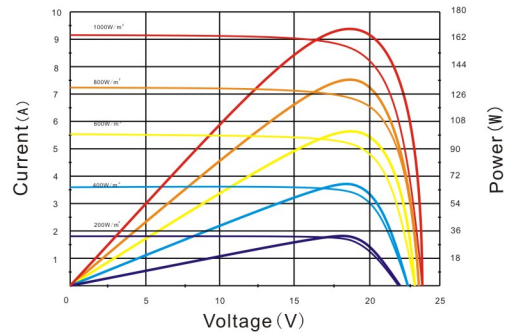


SPECIFICATIONS

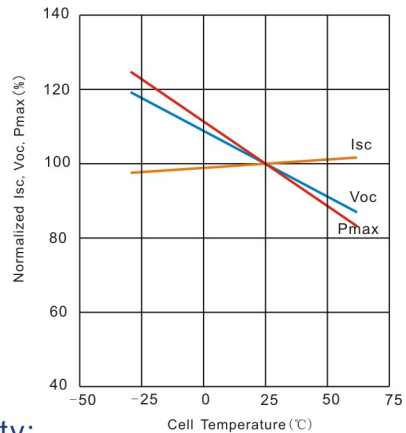
	STC			NOCT		
	155W	160W	165W	155W	160W	165W
Rated Power (Pmax):	155W	160W	165W	155W	160W	165W
Maximum Power (Pmax):	155W	160W	165W	114.56W	118.26W	121.95W
Rated Voltage at Pmax (Vmp):	18.6V	18.9V	19.2V	17.29V	17.57V	17.85V
Rated Current at Pmax (Imp):	8.33A	8.47A	8.59A	6.70A	6.81A	6.91A
Open-circuit Voltage (Voc):	22.6V	22.9V	23.2V	21.00V	21.28V	21.55V
Short-circuit Current (Isc):	8.91A	9.05A	9.19A	7.23A	7.34A	7.46A
Module Efficiency (η_m):	15.5%	16.0%	16.5%			
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 (165W)



Temperature Dependence of Isc, Voc, Pmax



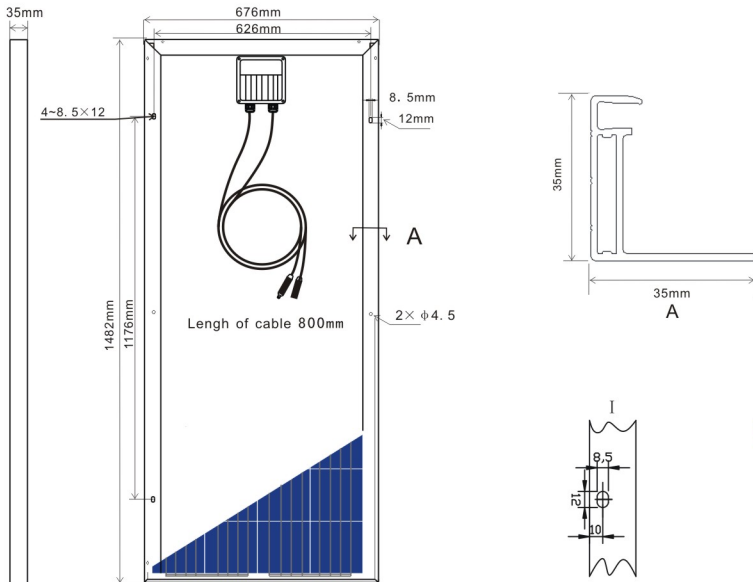
Thermal Characteristics:

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

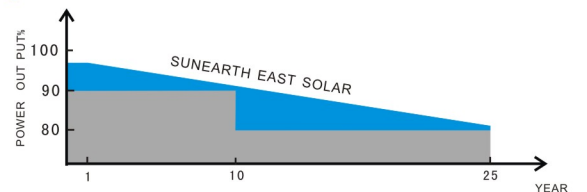
Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell:	36 pcs poly-crystalline 156×156mm
Frame :	anodized aluminum alloy/silver
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)



Warranty:



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

