

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.



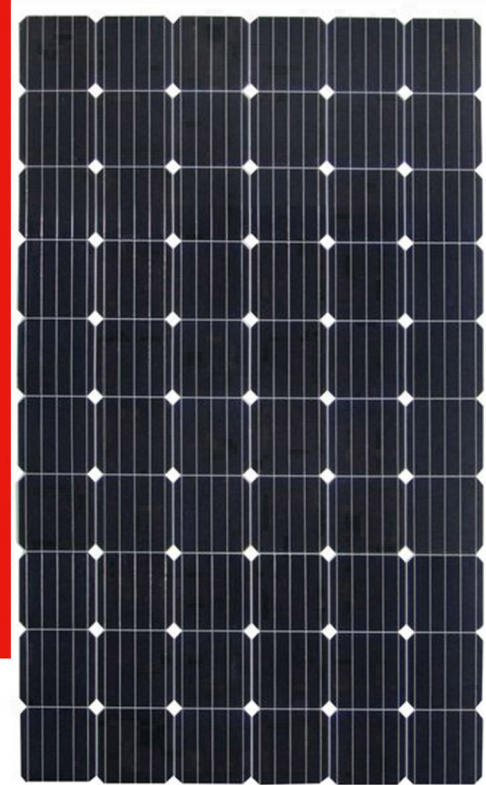
Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.



Superior design: module efficiency is up to 19.34% with white EVA (the maximum output power of 60pcs series is up to 315W) , particularly suitable for light demand projects.



M6 Hi-Eff Mono

DXM6-60P 300W~315W



DXM6-60P 300W~315W

SPECIFICATIONS

	STC			NOCT		
	300W	310W	315W	300W	310W	315W
Rated Power (Pmax):	300W	310W	315W	221.55W	228.94W	232.63W
Maximum Power (Pmax):	300W	310W	315W	30.40V	30.87V	31.06V
Rated Voltage at Pmax (Vmp):	32.7V	33.2V	33.4V	7.38A	7.51A	7.58A
Rated Current at Pmax (Imp):	9.17A	9.34A	9.43A	37.05V	37.52V	37.71V
Open-circuit Voltage (Voc):	39.8V	40.3V	40.5V	7.82A	7.96A	8.02A
Short-circuit Current (Isc):	9.66A	9.83A	9.90A	18.4%	19.0%	19.3%
Module Efficiency (ηm):						
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.

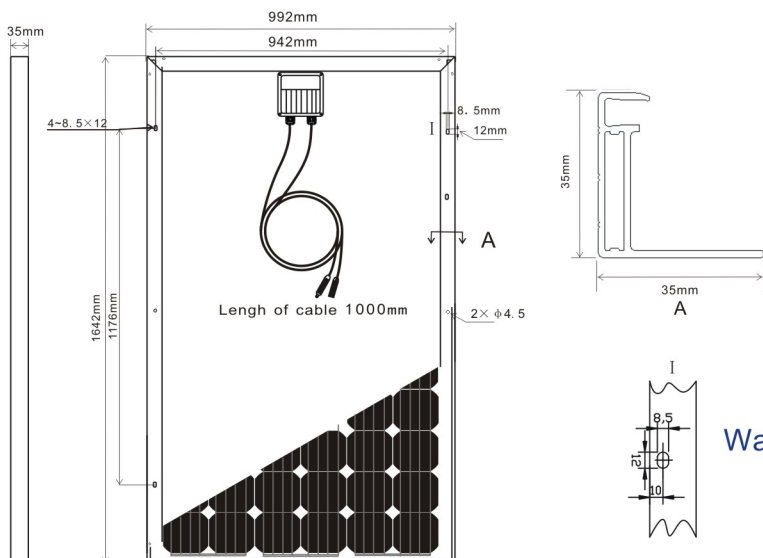
Thermal Characteristics:

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

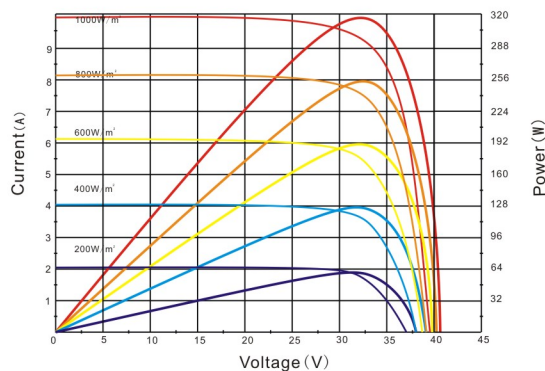
Construction Characteristics:

Front Cover:	low-iron tempered glass/3.2mm
Cell:	60 pcs mono-crystalline 156×156mm
Anodized aluminum alloy Frame:	■ silver □ black
Junction Box (protection degree):	IP67
Cable (length/cross-sectional area):	1000mm/4mm ²
Connector (protection degree):	IP67
Module Dimension (L×W×H):	1642×992×35mm
Weight:	18.0±3% kg

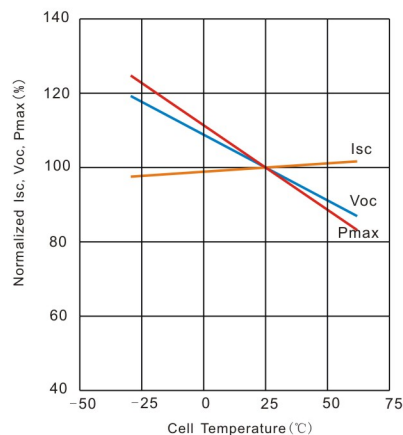
Dimensions (tolerance ±2mm)



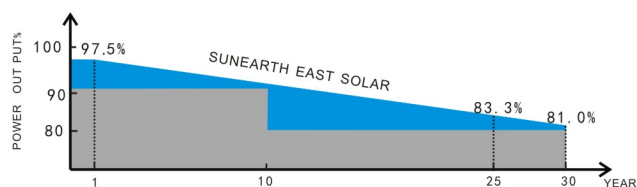
I-V (315W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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

