

## 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.



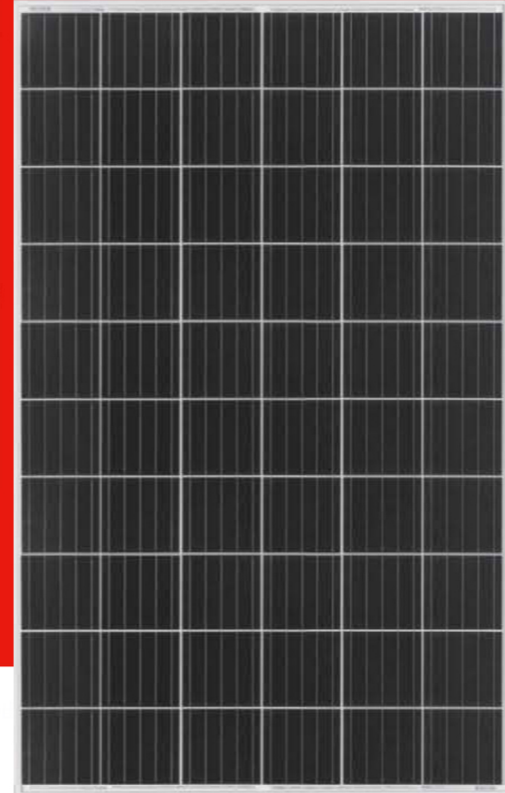
Superior loading capacity: snow pressure of 5400PA and wind pressure of 2400PA.



PID FREE.



Superior design: module efficiency is up to 20.38% with white EVA ( the maximum output power of 60pcs series is up to 340W ) , particularly suitable for light demand projects. The power tolerance of module is 0/+5W.



## M6 plus Hi-Eff Mono

**DXM6-60P 320W~340W**



DXM6-60P 320W~340W

SPECIFICATIONS

	STC			NOCT		
	320W	330W	340W	320W	330W	340W
Rated Power (Pmax):	320W	330W	340W	320W	330W	340W
Maximum Power (Pmax):	320W	330W	340W	236.32W	243.71W	251.30W
Rated Voltage at Pmax (Vmp):	33.6V	33.9V	34.1V	31.24V	31.52V	31.71V
Rated Current at Pmax (Imp):	9.52A	9.73A	9.97A	7.66A	7.83A	8.02A
Open-circuit Voltage (Voc):	40.7V	41.0V	41.2V	37.89V	38.17V	38.37V
Short-circuit Current (Isc):	9.97A	10.15A	10.38A	8.07A	8.22A	8.42A
Module Efficiency (ηm):	19.2%	19.8%	20.4%			
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.

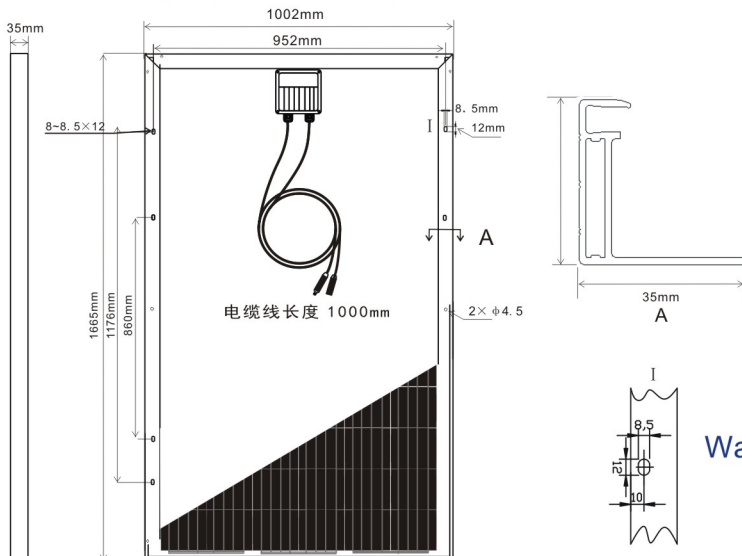
Thermal Characteristics:

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

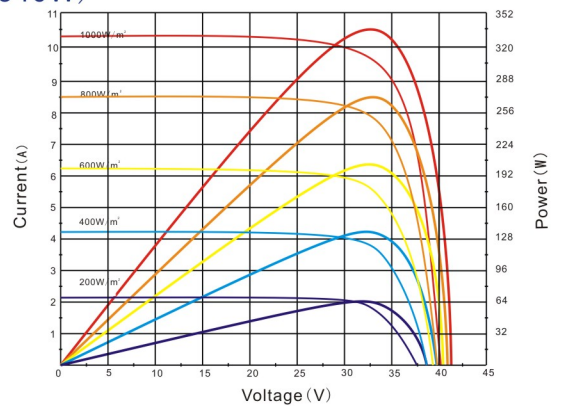
Construction Characteristics:

Front Cover:	low-iron tempered glass/3.2mm
Cell:	60 pcs mono-crystalline 158.75×158.75mm
Anodized aluminum alloy Frame:	■ silver ■ black
Junction Box (protection degree):	IP67
Cable (length/cross-sectional area):	1000mm/4mm <sup>2</sup>
Connector (protection degree):	IP67
Module Dimension (L×W×H):	1665×1002×35mm
Weight:	18.5±3% kg

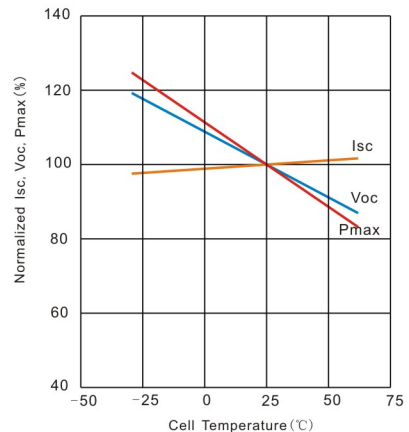
Dimensions (tolerance ±2mm)



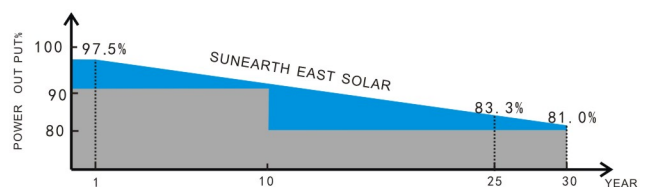
I-V (340W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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

