

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 18.97% with white EVA (the maximum output power of 36pcs series is up to 190W) , particularly suitable for light demand projects.



M6 Hi-Eff Mono

DXM6-36P 185W~190W



DXM6-36P 185W~190W

SPECIFICATIONS

	STC		NOCT	
	185W	190W	185W	190W
Rated Power (Pmax):	185W	190W	185W	190W
Maximum Power (Pmax):	185W	190W	136.62W	140.32W
Rated Voltage at Pmax (Vmp):	19.9V	20.1V	18.50V	18.69V
Rated Current at Pmax (Imp):	9.30A	9.45A	7.48A	7.60A
Open-circuit Voltage (Voc):	24.1V	24.3V	22.44V	22.62V
Short-circuit Current (Isc):	9.80A	9.96A	7.94A	8.07A
Module Efficiency (η_m):	18.5%	19.0%		
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.

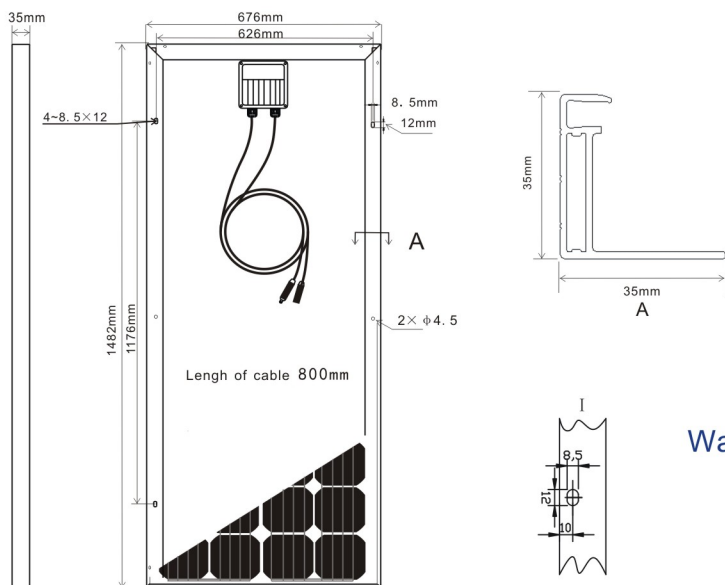
Thermal Characteristics:

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

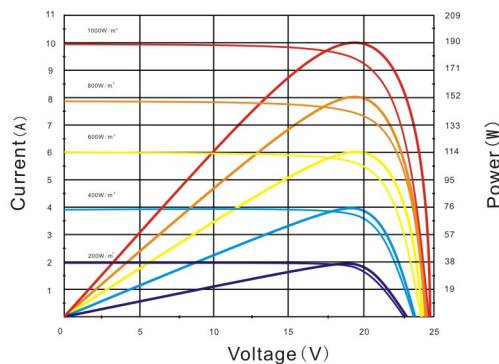
Construction Characteristics:

Front Cover:	low-iron tempered glass/3.2mm
Cell:	36 pcs mono-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

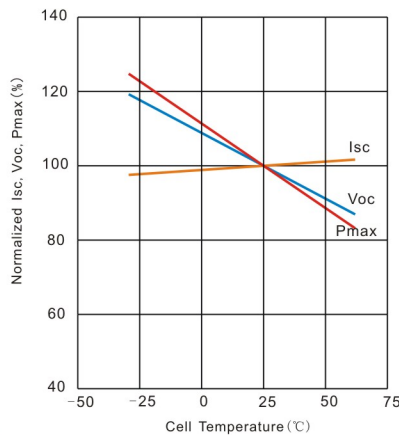
Dimensions (tolerance ±2mm)



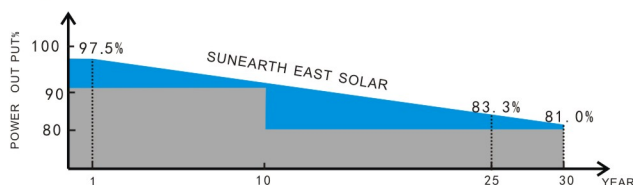
I-V (190W)



Temperature Dependence of Isc, Voc, Pmax



Warranty:



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