



Monocrystalline PV module 72 cells

Electrical Characteristics

Model XH-72M-Series	270	280	290	300
Max. power at STC(Pm)	270W	280W	290W	300W
Open-circuit voltage(Voc)	44.21V	44.50V	44.76V	45.05V
Short-circuit current(Isc)	8.15A	8.39A	8.57A	8.81A
Voltage at Pmax(Vmp)	36.03V	36.27V	36.51V	36.75V
Current at Pmax(Imp)	7.49A	7.72A	7.94A	8.16A
Power tolerance	±3%			
NOCT	48 °C±2 °C			
Temp. coefficient of Voc	-0.34%/°C			
Temp. coefficient of Isc	0.031%/°C			
Temp. coefficient of Power	-0.46%/°C			
Max. series fuse rating	15A			
Max. system voltage	DC 1000V(VDE) / DC 600V(UL)			

Guarantee:

- 5 years product guarantee
- 10 years performance guarantee at 90% power output
- 25 years performance guarantee at 80% power output

Note:

- 1、STC: Irradiance 1000W/m², Module temperature 25 °C, AM=1.5
- 2、Nominal Operation Cell Temperature above is only for reference

Specifications

Cell size	156×156mm
No.of cells and connections	72 (6×12)
Dimension of module	1956×992×50mm
Weight	23.0Kg
Packing	2PCS/CTN
Loading	396PCS/40'

Temperature Coefficients

Operating Temp.	-40°to +85°
Static load front and back	2400 Pa
Front loading	5400 Pa
Hailstone impact	25mm at 23 m/s

