Temperatures of tempered glass on photovoltaic heating plates can reach 50-70 degrees Celsius without affecting power generation. The product is suitable for cold climates and snowy regions.



Solar panel features:

1 Monocrystalline silicon solar cells are highly efficient at converting sunlight into electricity.

2 Aluminium alloy frames are highly resistant to mechanical impact and have high strength.

3 Tolerance range for power output (ensuring that the output power falls within the range of -3~+3%).

4 The product performs well in low light conditions.

A strong wind and snow load can be borne by it. Wind loads of 2400-6 Pascals and snow loads of 5400 Pascals can be handled by solar panels.

Specifications (M: Monocrystal, P: Pplycrystal)

Pmax150WSize and number of cells158*79mm, 4pcs*14Tolerance±3%Vmp29.68VVmp29.68VImp5.05AMax. Syst. Oper. Voltage1000VDiodes0 by-passDimension1200*700*25mmMeight11kgsOperate Temp.scope-40/+85°CRelative Humidity0 to 100%Max. Syst. Oper. Voltage227g steel ball falls down from 1m high and 60m/s wind speedMaxPm is not less than 90% in 10years and 80% in 25years
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80% in 25years
STC Irradiance 1000w/m ² , module
temperature 25 $^\circ \!\!\! \mathbb{C}$, AM=1.5
Mechanical parameter
Solar cell Rectangular monocrystalline silicon
158*158mm
Glass 3.2mm (0.13 inches)
Ultra white cloth grain tempered glass
Frame Its high strength and resistance to
mechanical impact make it a good choice
for frames. The temperature at which the
device operates is Celsius.
Junction box PV-WY08 rated
Cables TUV, 4.0mm ² , length 0.9m
Connectors Solar integrated twist locking connectors

