

180W Solar module

No.ESP180



The customer design:

The left picture shows the format of this solar module. It could be changed according to the need of customer or designer. All the figures and parameters rely on the actual need of user.

Encapsulation:	Glass/EVA/Cells/EVA/TPT
Material:	Poly crystalline Silicon
Max. Power:	180Watts (day time with fully sun shine)
Tolerance:	±5%
Max. Power Voltage (Vmp):	23.04V
Max. Power Current (Imp):	7.79A
Open Circuit Voltage (Voc):	27.84V
Short Circuit Current (Isc):	8.57A
Max. syst. Open voltage:	1000V
Diodes	3 by-pass
Size and Number of cells:	156X156mm 48/6x8pcs
Working temperature range:	-40~+85°C
Relative humidity:	0%~100%
Dimensions:	1312x976x50mm
Installation:	Solar panel faces directly to the sun
Weight:	16KG
Resistances:	227g stell ball fall down from 1 m height and 60m/s wind
Warranty:	Pm is not less than 90% in 10years and 80% in 25years

Note:

1 Standard testing condition: 25°C, AM1.5 spectrum, 1000W/m² irradiance

2 Wind pressure: 60m/s (200kg/m²)

*Figures would be changed depending on the final design.

Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.