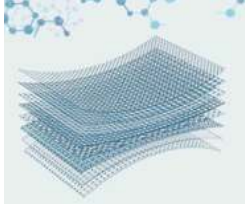
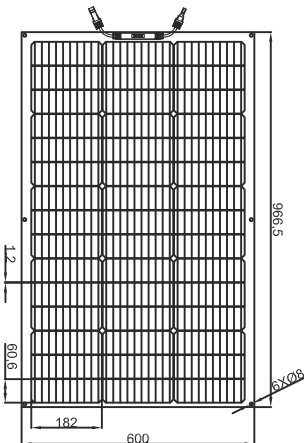
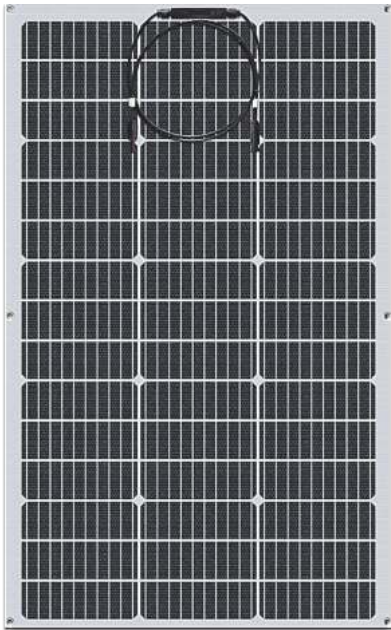


100 Watt Composite Flexible Solar Panel



High Polymer Materials



Product Advantages

- ◆ Made of High efficiency Monocrystalline PERC solar cell.
- ◆ The special high strength polymer material intergrated, Increase the flexibility and durability, To protect the cell cracked from the bending, External impact, Trample ect. Extend the solar panel lifespan 2~3 years.
- ◆ Thanks to the high polymer materials, The gross weight reduce 15~20%, Ideal for the projects require lightweight and flexibility.

Electrical Characteristics

Max Power/Pmax	100W
Max Power Voltage/Vmp	22V
Max Power Current/Imp	4.55A
Open Circuit Voltage/Voc	26.4V
Short Circuit Current/Iscc	5.01A
Maximum System Voltage	600V
Series Fuse Rating	10A
Cell Efficiency	>23%
Number of Cells in Series	45
Cell Dimension	182*60.6mm
Max Power Tolerance	+ (0~3W)

* STC: Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

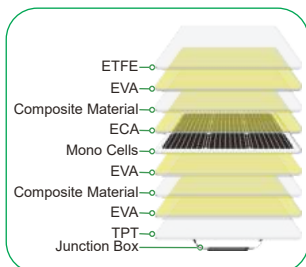
Temperature Co-efficients

Power	-0.38%/°C
Voltage	-60.08mV/°C
Max Power Current	2.2mA/°C

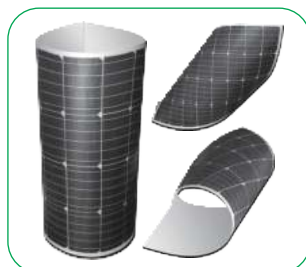
Mechanical Characteristics

Weight	1.3kg
Dimension	966.5*600*2mm
Cable	90cm 2x4.0mm ² MC4 connector

Product Features



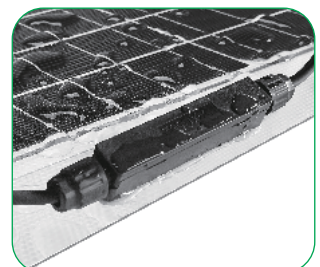
Structure Layers



Extremely Flexible



Durable and Strong



IP67 Waterproof