



## Monocrystalline Module



Ultra-light: weighs as 60% less than conventional PV panels.



Flexible: The bendable product characteristics make it more fit when installed on all kinds of curved surfaces.



Easy Installation: Can reduce installation cost by up to 50% through the use of re-engineered components, ease of handling and faster installation.



Transportation: low weight, will very significantly reduce the cost of transportation.

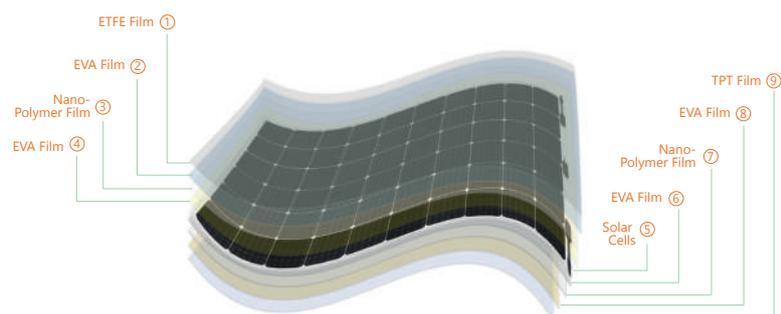


Durable: The use of multi-layer nano polymer film materials enables the product to have better solar cell protection, longer service life, and greatly reduce power loss caused by external shocks.

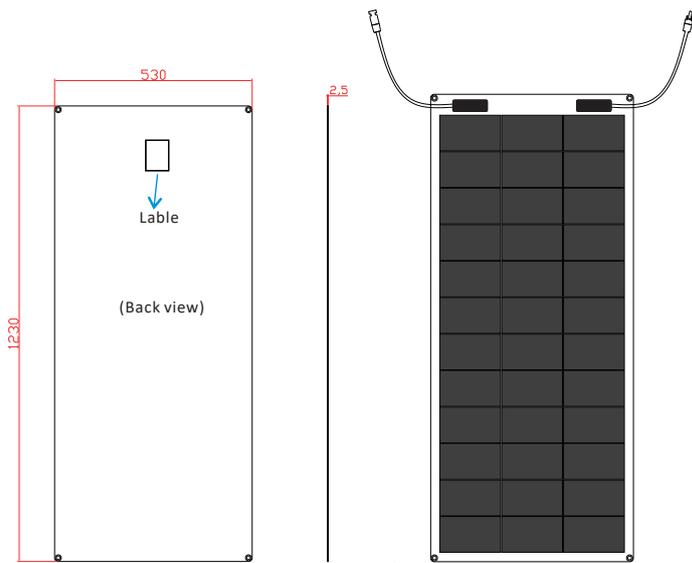
## Product renderings

### Advanced polymers have good performance and long lifespan

- Excellent optical properties, high and low temperature resistance, high structural strength, resistance to chemical corrosion.
- Using advanced polymer materials, nearly 60% lighter than traditional solar panels, but much more longer service life, and also easily for transportation & installation".



## Dimensions



## Mechanical Characteristics

Solar Cell	Monocrystalline silicon
No. of Cells	36(3x12)
Module Dimensions	1230x520x2.4mm
Weight	2.2kgs
Backsheet	White
Output Cables	Photovoltaic technology cable 4.0 mm <sup>2</sup>
Connector	MC4

## Electrical Characteristics

Model	TP100MF
Maximum Power (Pmax)	100W
Maximum Power Voltage (Vmp)	18.0V
Maximum Power Current (Imp)	5.55A
Open-circuit Voltage (Voc)	21.24V
Short-circuit Current (sc)	6.11A
Operating Temperature	-40°C to 85°C
Maximum System Voltage	500 V DC

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM=1.5

## Packaging Configuration

Carton:1320*610*465mm	20'GP	40'GP	40'HQ
Module per pallet	79PCS	162PCS	180PCS
Pieces per container	790PCS	1620PCS	1800PCS