

Flexible Ultra-Thin & lightweight Solar Panel

Power on the GO

3 years panel warranty, 25 years for performance warranty

Highlight Features
Bendable

Suitable for easy installation on the curve/irregular surface such as RV, Boat, Tent, Electric Vehicles/Golf Carts/Electric Shuttles, etc

Deformation Resistance

New cell and lamination processing technology to guarantee the cell not to be cracked and breakage when bending/deformation

Ultra-lightweight

With ETFE technology replacing the tempered glass, the total weight of kits save up to 70%

Super Thin Lamination

Approximately 95% thinner than glass with frame made panels, this panel is ideal for a stealthy solar setup

High Efficiency

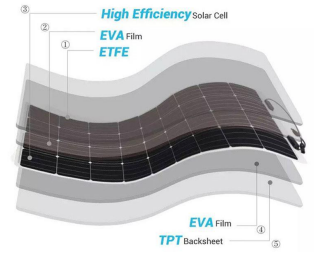
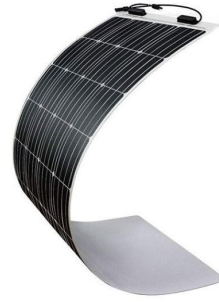
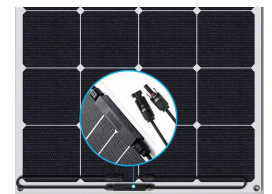
95% light transparency of ETFE film plus high efficiency solar cell ensures excellent conversion of light to electricity

Customization

Can provide the panels with dimension and power output as per request

Stain Resistance

Thanks to ETFE film properties, it can perform the unique surface self-cleaning by rain


Bendable
New Material Technology

Super-thin Lamination
Waterproof Junction Box
Application
Electric Shuttles

Boat

Tent


Folding Module	FDSSF-50W	FDSSF-100W	FDSSF-150W	FDSSF-200W	FDSSF-200W	FDSSF-400W
Encapsulation	ETFE / EVA / Cell / EVA / Backsheet (PET or Fiberglass)					
Maximum Power Pmax	50W	100W	150W	200W	200W	400W
Maximum Power Voltage (Vmp)	20V	20V	19V	20V	20V	38V
Maximum Power Current (Imp)	2.5A	5A	7.89A	10A	10A	10.53A
Open Circuit Voltage (Voc)	23.6V	23.6V	22.42V	23.6V	23.6V	44.84V
Short Circuit Current (Isc)	2.75A	5.5A	8.68A	11A	11A	11.58A
Cell Efficiency	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%
Dimension (mm)	540x580x3mm	540x1065x3mm	685x1245x3mm	710x1580x3mm	1055x1090x3mm	1040x1935x3mm
Dimension When Folded (mm)	\					
Weight	1.15KG	2KG	3.2KG	3.8KG	4KG	6.65KG
Tolerance	±3%					
Max System Open Circuit Voltage	1000V					
Operate Temperature Range	-40°C ~ +85°C					
Relative Humidity	0~100%					
Optional accessories	1. User Manual x1 2. OEM/ODM					