

UNIQUE FLEXIBLE SOLAR PANEL 100W



Over 70% lighter at 3.9lbs (1.8 kg) through replacement of glass and optimization of frame



Ultra-compact and thin design makes it easier to carry, mount and remove



Easy install with 6 pre-drilled metal reinforced mounting holes, it can be affixed by adhesive, grommets, zip ties without costly structural roof reinforcements



Built with industrial grade material, extremely durable for irregular surface that are typically off limits for traditional glass and aluminum models. Applicable for RV, boat, cabin, tent, yachts, car, trucks, trailers, etc

ELECTRICAL CHARACTERISTICS

Model	FEPM-100NF
Maximum Power (Pmp)	100W
Power Tolerance	0 ~ +5%
Cell Efficiency	>22%
Optimum Operating Voltage (Vmp)	17.6V
Optimum Operating Current (Imp)	5.8A
Operating Temperature	-40°C ~ +85°C

MATERIALS

Solar Cells	N-type Mono-crystalline 125x125 mm
Front Surface	PET
Back Contact	Fibre glass/PET
Lamination	Waterproof cloth
Cable	1000 mm PV cable 4mm ² TUV, UL 4703
Connector	MC4 Compatible SAE Custom connector

GENERAL

Dimensions	1050 x 540 x 3 mm 41.3 x 21.3 x 0.1 inches
Packaging Dimensions	1100 x 580 x 30 mm 43.3 x 22.8 x 1.2 inches
Net Weight	1.8 kg (3.97 lbs)

Ultra lightweight and thin design make it perfect to mount on RV, boats, roof and uneven surfaces, with built-in chip to protect devices from over-charging or backflow.

It can charge a wide variety of electronics such as mobile phones, drones, digital cameras, laptops, etc. It also serves as an extended power source to our portable solar power station that gives you greater flexibility for outdoor activities without worrying about running out of power.