

CUSTOM FOLDABLE SOLAR PANEL

60W | 80W | 100W | 120W



Over 70% lighter than conventional solar panel through replacement of glass and optimization of frame



Handy, ultra-compact with convenient foldable design



Optimized charging voltage and speed with automatic voltage regulating



Built with industrial grade material durable for all outdoor activities

ELECTRICAL CHARACTERISTICS

Model	FEPM-060NP	FEPM-080NP	FEPM-100NP	FEPM-120NP
Maximum Power (Pmp)	60W	80W	100W	120W
Power Tolerance	0 ~ +5%	0 ~ +5%	0 ~ +5%	0 ~ +5%
Cell Efficiency	>23.5%			
Output Voltage	18V (16.8V or customizable)			
Maximum Output Current	3.8 A	5.1 A	6.4 A	7.6 A
Folded Dimensions	300x410x25 mm 11.7x16.1x0.98 inches	550x410x2 mm 21.7x16.1x0.01 inches	300x425x45 mm 11.7x16.7x1.7 inches	300x425x45 mm 11.7x16.7x1.7 inches
Expanded Dimensions	870x410x2 mm 34.2x16.1x0.02 inches	1100x410x2 mm 43.3x16.1x0.02 inches	1500x425x5 mm 59x16.7x0.2 inches	1790x425x5 mm 70.5x16.7x0.2 inches
Net Weight	1.1 kg (2.4 lbs)	1.4 kg (3.1 lbs)	1.6 kg (3.5 lbs)	2.1 kg (4.6 lbs)

MECHANICAL DATA

Solar Cells	N-type Mono-crystalline 125x125 mm
Front Surface	PET
Back Contact	Fibre glass/PET
Lamination	Waterproof cloth
Cable	1000 mm (customizable)
Output Ports	18Vdc x 1, USB x 2
Connector	XT90/MC4 Compatible

This unique foldable semi-flexible solar panel is lightweight, and foldable design to be easy for carrying around. It offers two USB A charge ports at 5V/2.1A and one 18V DC output port, with built-in chip for protecting devices from over-charging or backflow.

Our foldable semi-flexible solar panel 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.