



## PRODUCT OVERVIEW

The Envoltage 100W solar panel can be folded and bundled for easy carrying and use. It can make full use of sunlight and convert sunlight into clean energy. Coupled with an Envoltage 600W Portable Power Station, solar energy can be stored in a LiFePO4 power station, which can charge all devices. It can be a solar generator system for backup power and off-grid power.

## APPLICATIONS

- Solar cell: Monocrystalline Silicon
- Foldable/Portable
- Environmentally friendly / No gas / Quieter / Cost-effective

## FEATURES

- Higher energy conversion rate – covered by monocrystalline silicon solar cells, the solar panel adopts multi-layered cell technology to generate energy from sunlight, with a high conversion efficiency that is up to 23% higher than conventional solar panels.
- Durable and splash proof – the ETFE laminated case is durable enough to extend the lifespan of the solar panel. It is IP65 water resistant that will protect from splashed water (do not place in rain or soak in water).
- Zippered pockets to hold power cords and cover power port.
- Compatible and versatile – this solar panel is compatible with the Envoltage Power Stations (sold separately). Ideal for off-grid camping and unexpected power outages.
- Portable & foldable kickstand panel – designed with a rubber handle and flexible bracket stand, the panel can be adjusted from 0-180 degrees.

## Product Description

PART#	DESCRIPTION	PEAK POWER	DC OUTPUT	POWER CURRENT
EV-PV-100	Foldable Solar Panel	100W	18V/100W	5A

## Specifications

MODEL#		EV-PV-100
<b>ELECTRICAL</b>		
Cell Type	Monocrystalline silicon	
Output Power	100W	
Cell Efficiency	20%-22%	
Power Voltage	19.8V	
Power Current	5.28A	
DC Output	18V100W	
<b>GENERAL</b>		
Dimensions (CM)	423*370*35 (folded) / 1718*423*5 (unfolded)	
Net Weight	5.1kg	
Waterproof	IPX4	
Operating Temperature Range	-10°C to 70°C	
Packing Dimensions	L x W x H 16.65 x 14.57 x1.38 inches	

## Product Images

- Enhanced PET
- Enhanced EVA
- Single crystal cell
- Enhanced EVA
- PCB equipment

