



ECO-WORTHY

100W 18V

Foldable Solar Panel



Product Overview

CO-WORTHY 100W 18V portable solar panel is perfect for charging 12v battery or supply 12v small appliances.

It can be folded into the size of a briefcase for easy carry, power your small apps while hiking or camping.

The kickstands can adjust the panel's tilt degree between 30° and 40° according to different sunlight condition, which can allows the panel to gain more irradiance directly from the sun.

It can be easily settled and used in caravan, camper van, boat, house, garden, shed or farm.

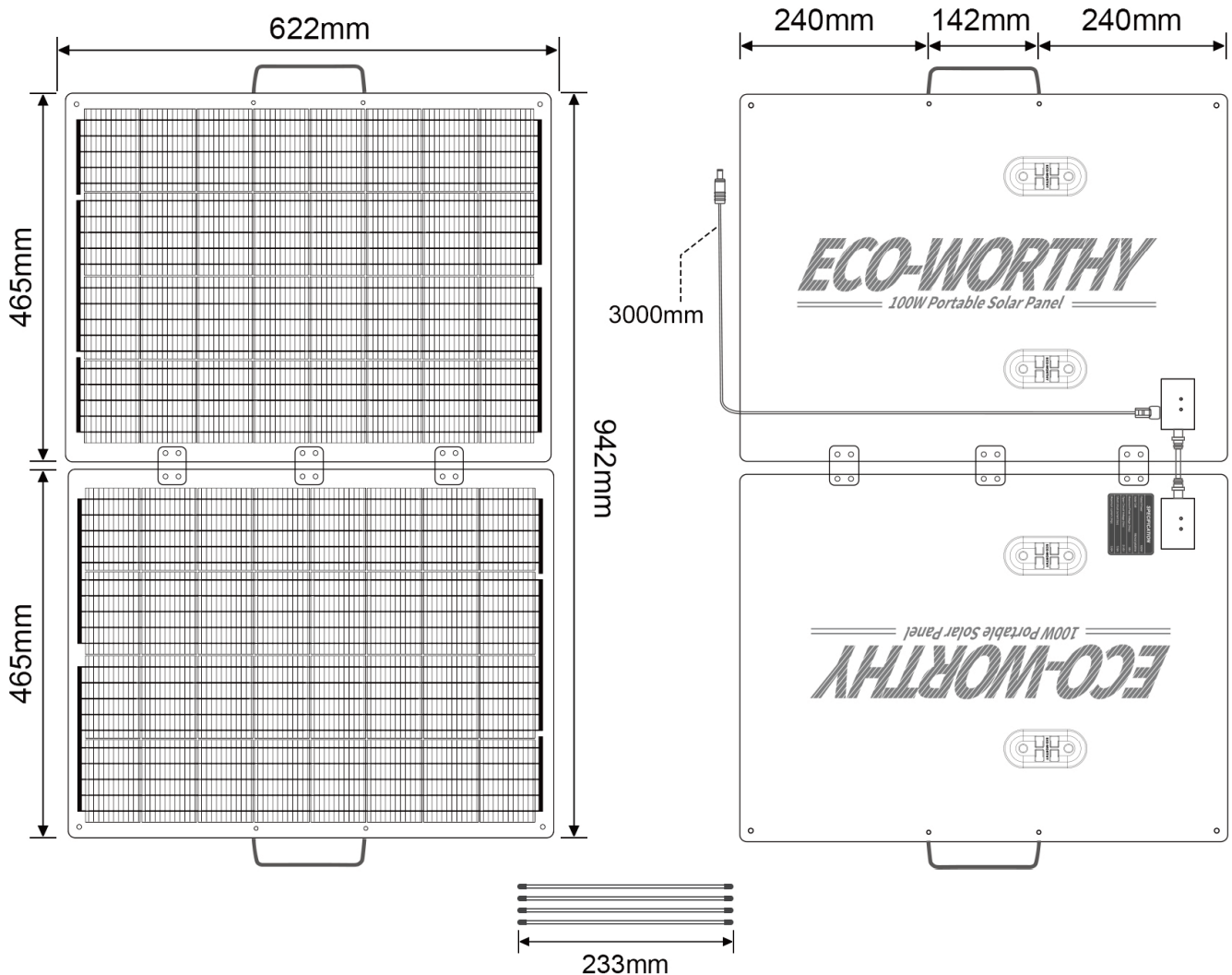




Key Features:

- ▶ Foldable, lightweight and portable
- ▶ IP65 waterproof
- ▶ Class A high-efficiency monocrystalline solar cells
- ▶ 4 DC adapters for 95% types of power station
- ▶ Suitable for lithium/gel/lead acid battery
- ▶ Built-in diode to prevent reverse current
- ▶ Get 25% more sunlight with kickstands

Module Diagram:



Electrical Data

Rated power	100W
Solar cell	Monocrystalline
Maximum/Peak voltage(Vmp)	18V
Open circuit voltage(Voc)	21.6V
Short circuit current	5.9A
Maximum current	5.6A

Mechanical Data

Extended Size:	945x625x30 mm(37.2x24.6x1.2 inch)
Folded size:	465x625x57mm(18.3x24.6x2.2inch)
Extension cable:	3m (118 inch)
Weight:	3.45kg (7.6 lbs)
Junction box waterproof:	IP65

All specifications and data described in this data sheet are tested under standard test conditions (STC - Irradiance: 1000W/m², Temperature: 25 C, Air Mass: 1.5) and may deviate marginally from actual values.



Components List

100W 18V portable solar panel	1
3m extension cable with 5.5x2.1mm DC connector	1
1 bag of DC adapters (7.86*5.75mm/5.5*2.5mm/3.5*1.35mm)	1
5.5*2.1 - MC4 adapter	1



Support

The manufacturer accepts no liability for any damage caused by:

- Force majeure including fire, typhoon, flood, earthquake, war, and terrorism.
- Intentional or accidental misuse, abuse, neglect or improper maintenance, and use under abnormal conditions.
- Improper installation, improper operation, and malfunction of a peripheral device.
- Contamination with hazardous substances, diseases, vermin, or radiation.

If you met technical problems and cannot find a solution, please contact ECO-WORTHY for further assistance.

Contact number: US 1-866-939-8222 UK +44 20 7570 0328

Email: customer.service@eco-worthy.com

ECO-WORTHY reserves the right to change the contents of this manual without notice