

Portable Solar Panel

SLP-100W-A-US



Overview

The SLP-100W-A-US is a high-power, portable solar panel that provides clean solar energy. It uses large-area, high-quality and high-efficiency monocrystalline silicon with conversion efficiency up to 22.5%. The ETFE laminated solar panel made of high-quality materials is durable and achieves excellent waterproof and dustproof performance. The panel provides three types of output connectors (DC7909, Anderson, XT60) to meet different needs, and provides one fast charging USB-A port to power electronic devices directly. The product is suitable for a wide range of application scenarios such as camping, photography, self-drive tours, RVs and travel trailers, fishing trips, outdoor mobile live streaming, outdoor work, and emergency power backup.

Features

- 100W power output, 18V voltage output.
- High-efficiency monocrystalline silicon with up to 22.5% conversion efficiency converts more solar energy than polysilicon, with less energy loss and longer lifetime.
- The ETFE laminated solar panel made of high-quality materials provides robust durability and excellent waterproof and dustproof performance.
- High transmittance panel with up to 99% light transmittance achieves higher energy conversion efficiency.
- Foldable and portable design, approx. 5.2kg/11.5lbs per piece, easy to carry.
- Adjustable bracket allows flexible angles to achieve optimal charging performance in different seasons.
- IP66 rated, withstands direct water jets and harsh weathers (connectors are not waterproof).
- 3 types of output connectors including DC7909, Anderson, and XT60 to accommodate different outdoor power stations.

- With USB-A interface to power electronic devices conveniently.
- All materials are eco-friendly, lead-free and non-toxic.
- 16 visual inspections, trustworthy quality.

Specifications

SLP-100W-A-US	
Electrical	Description
Cell type	Monocrystalline silicon
Conversion efficiency	22.5%
Peak power	100W
Operating voltage	18V
Operating current	5.55A
Open circuit voltage	21.6V
Short circuit current	6.105A
USB-A	QC3.0 5-12V/3A, 18W Max
General	Description
Weight	5.2kg/11.5lbs
Unfolded size	1285 x 598 mm (50.6 x 23.5 inch)
Folded size	598 x 343 mm (23.5 x 13.5 inch)
Operating temperature	-10°C to 65°C/14°F to 149°F
Ingress protection	IP66
Connector	DC5525
Accessory	DC5525 to DC7909 output cable * 1 DC7909 to Anderson adapter * 1 DC7909 to XT60 adapter * 1

Ordering Information

Model	Qty	Remarks
SLP-100W-A-US	1	Portable solar panel (100W, 18V, DC7909, Anderson and XT60 output connectors, US)

Size

Unfolded size: 1285 x 598 mm (50.6 x 23.5 inch)



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