

## FSP-100W : Folding, Portable 100W Solar Panel by Powerwerx



Price: CAD \$379.00

**SKU:** PXFSP-100W-N

**Product Categories:** [Bike Touring](#), [On Location Off-Grid](#), [On The Road](#), [Personal Packs](#), [Portable / Luggable](#), [Shop](#), [Solar Modules](#)

**Product Tags:** [folding](#), [folding solar](#), [fsp-100w](#), [fsp-100w canada](#), [mc4](#), [portable](#), [portable solar](#), [powerwerx fsp-100w](#), [solar panel](#), [usb](#), [usb-c](#), [usbc](#)

**Product Page:**

<https://www.modernoutpost.com/product/fsp-100w-folding-portable-100w-solar-panel-by-powerwerx/>

### Product Summary

This is the FSP-100W by Powerwerx. A compact and light weight portable solar panel charger for a huge variety of applications from HAM radio power, to family camping, and Van conversion power. Easily charge your smartphones and tablets with the integrated USB Type-A and Type-C charging ports, or connect to other battery systems using the integrated 9-foot MC4 cables.

## Product Description

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**Best Battery Matches** [Goal Zero Yeti 500X](#) [RELiON RB20](#) [RELiON RB20-LT](#) [RELiON RB52](#) [Bioenno BLF-1215A](#) [Bioenno BLF-1220A](#)

\*Use a lithium solar charge controller with this module on bare LFP batteries...

[Genasun GV-5-Li-14.2](#) [Powerwerx MPPT-150](#)

... more options at bottom of page

The Powerwerx FSP-100W folding 100 watt solar panel is ideal for keeping your batteries and smart devices charged. The perfect companion for powering your outdoor activities. Clean portable power that is easy to transport, and completely silent with no EMI/RFI. Designed with a durable ETFE surface film and Monocrystalline solar cells to provide higher light conversion and efficiency. Built in junction box with (1) USB Type-A QC3.0 and (1) USB Type-C Outputs. When used with the optional MPPT-150-14.6 LiFePO4 solar charge controller. you can safely charge all Bioenno 12V LiFePO4 batteries.

### FSP-100W Features

- ETFE Surface Film - Monocrystalline Solar Cells - Easy to Carry Magnetic Closing Handles - Adjustable Stands - (4) Heavy Duty Gromets - Heavy Duty Splash Proof Material (do not deploy in rain) - Storage Pouch with Metal Zipper for storing Cables (and optional Charge Controller, not included) - Built in Junction Box with (1) USB Type-A QC3.0 and (1) USB Type-C Outputs

### FSP-100W Specifications

- Cell Efficiency: > 22.5% - Fabric Material: 500D Nylon - Maximum Peak Power: 100 Watts - DC Output: 18V 5.5A max - Number of Folding Panels: 2 - Cell Type: Monocrystalline - Panel Connections: 9 ft of cable with (2x) MC4

Connectors - USB Type-A Output: 5V/3.4A, 9V/2.5A, 12V/2A - 24W Max - USB Type-C Output: 5V/3A, 9V/3A, 12V/3A, 15V/3A - 45W Max - Folded Dimensions: 24.0" x 21.25" X 1.6" (610mm x 540mm x 41mm) - Unfolded Dimensions: 48.0" x 21.25" x 0.2" (1220mm x 540mm x 5mm) - Weight: 8.3 lbs. (3.8 kg) - Warranty: 1 Year

## Connectivity Notes

The FSP-100W is equipped with regulated USB and USB-c Ports for charging all your personal electronics and portable batteries.

This module is also equipped with MC4 connectors which provides raw solar module output for integration with any standard 12V battery system (FLA, AGM, Gel, Lithium LiFePO4 or NMC). Works with any solar charge controller designed for 12V battery systems (MPPT or PWM).

## Solar Controller Recommendations

**Lithium** [Genasun GV-5-Li-14.2 MPPT](#)] [Genasun GV-10-Li-14.2 MPPT](#)] [Powerwerx MPPT-150](#)] [Powerwerx MPPT-300](#)] **AGM / Gel** [Victron Smart MPPT 75/10](#)] [Genasun GV-4-PB-12V](#)] [SunSaver 6](#)] [SunSaver 10](#)] [SunSaver MPPT 15L](#)]

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 4 kg

## Product Gallery

