

9 Watt /18V Solar Panel (ETFE) by Voltaic (P108)



Price: CAD \$93.00

SKU: VCSOLAR-9W-18V-P108-ETFE

Product Categories: [Crystalline](#), [Folding Crystalline](#), [Frameless Glass/Glass](#), [HAM Radio](#), [In The Field](#), [Packable](#), [Projects](#), [Roof / Ground / Pole](#), [Shop](#), [Small Modules : 10W+](#), [Solar Modules](#)

Product Tags: [10W Solar Panel](#), [18v](#), [9w](#), [canada](#), [etfe](#), [frameless](#), [frameless solar](#), [p108](#), [remote](#), [research](#), [slim](#), [small solar](#), [sunpower](#), [voltaic canada](#), [voltaic p108](#), [voltaic p110 canada](#)

Product Page:

<https://www.modernoutpost.com/product/9-watt-18v-solar-panel-etfe-by-voltaic-p108/>

Product Summary

An incredibly lightweight & low-profile solar charger, the Voltaic 9W/18V P108 is a

rugged, waterproof, lightweight 9 Watt, solar panel designed for portable applications and small remote power projects. At 18V output, it is tuned for charging 12V battery systems like the [PWRbox Mini 10 \(use an MPPT charge controller\)](#)], and portable power packs, such as the Voltaic [V88](#)] and Goal Zero [Sherpa 100PD](#)] & [Sherpa 100AC](#)]. Multiple units can be combined in parallel for more power.

Product Description

An incredibly lightweight & low-profile solar charger, the Voltaic 9W/18V P108 is a rugged, waterproof, lightweight 9 Watt, solar panel designed for portable applications and small remote power projects. At 18V output, it is tuned for charging 12V battery systems like the [PWRbox Mini 10 \(use an MPPT charge controller\)](#)], and portable power packs, such as the Voltaic [V88](#)] and Goal Zero [Sherpa 100PD](#)] & [Sherpa 100AC](#)]. Multiple units can be combined in parallel for more power.

The P108 is easily mountable for long term outdoor applications such as remote data collection. Pair with a Voltaic battery pack or charge a 1S Lilon or LiPO4 cell. The P108 9W (18V) Solar Panel features...

- High-efficiency SunPower solar cells - UV- and scratch-resistant [ETFE](#) coating]
- 6 mounting holes - 12" cable with optional waterproof extensions

P108 9W/18V Solar Panel Specs

- Compatible with the [Large Solar Panel Bracket](#) using our [ETFE Panel Screw & Washer Set](#)] **Size and Weight**

22.3 x 27.4 x 0.4 cm

- 328 grams **Output** - Open Circuit Voltage: 20.45V - Peak Voltage: 17.34V - Peak Current: 570mA - Peak Power: 9.92W - Power Tolerance: +/-10% - For maximum power output, orient the panel towards the sun **Construction** - Matte ETFE coating - 2.0mm FR4 **Output Cable** - Cable Length: 50cm - Cable Color: Red PU Coated - Plug: Waterproof Male 3.5x1.1mm - Extend the cable

length using [1 foot](#), [4 foot](#), and [10 foot](#) extension cables] - Solder directly to a PCB using [extension with exposed leads](#)] **Warranty** - 2 year warranty on solar panels

HOW TO USE THIS 9W SOLAR PANEL... Store solar power in a battery pack for use anytime at max power

This is a compact, lightweight, powerful option for charging battery banks such as the [Voltaic V88](#)] or [V250](#)], or Goal Zero [Sherpa 100PD](#)] & [Sherpa 100AC](#)]. The power you store from the panel in the back-up battery pack can be used any time, day or night, to charge your laptop, smartphone, GPS, camera, iPad, and more.

Connect multiple panels together...

Want to combine several Voltaic solar panel together to create a more powerful solution?

IN PARALLEL

Use the [Voltaic Combiner Cable](#)]

This give you multiples of the solar module's output at the same voltage (6V). Ideal if you would like to protect against shading, or maximize the input to your battery pack (check its specs).

CONNECT THE PANELS TOGETHER PHYSICALLY

Use [Panel Clip Edge Connectors](#)] to build bigger modules from smaller modules.

See all of Voltaic's [CABLING & CONNECTION OPTIONS HERE](#)]

Use Voltaic solar modules in your solar power projects

Connect to your projects using the 3.1x1.1mm barrel connector on the end of the panel's output cable. A great option for school science classes, electronics, and alternative energy studies. Cost effective, rugged, and efficient.

Mounts For These Solar Panels...

You'll want to grab a couple of sets of the [corner kits for ETFE panels](#) - these utilize the corner & side holes on the module, and provide strapping locations.

Want to attach your Voltaic solar module to a wall, pole, or railing?

Check out the [Universal Mounting Bracket](#).

Of course you can also use zip ties, straps or other means via the solar panels' corners.

...

Who is Voltaic Systems?

Voltaic Systems is a full-service provider of remote charging solutions.

Established in 2004, Voltaic broke into the solar industry by designing the world's first solar backpack. Since then, they've applied their extensive knowledge and experience to provide a complete line of solar panels and battery packs for both consumer and industrial customers.

Modern Outpost has been promoting Voltaic Systems' products to the Canadian market since 2006.

From powering bednet distribution programs in Nigeria to designing custom power systems for large-scale asset tracking deployments, Voltaic's customers count on their equipment to keep their devices charged. They choose Voltaic not only for innovative, high-quality products but because of their commitment to understanding project needs.

Voltaic's mission is to promote sustainable technology through research and design while enabling our customers, big and small, to do more. We believe in quality engineering, collaborative problem solving and creating sustainable solutions that support our customers and the planet.

If you have any questions regarding Voltaic products, or wish to discuss a special solar project, please feel free to [contact us](#)].

Product Attributes

- Dimensions: 30 × 20 × 1 cm
- Weight: .49 kg

Product Gallery

