

9W Tough Solar Panel by Voltaic (P109C)



Price: CAD \$149.00

SKU: VCPAN9W

Product Categories: [Crystalline](#), [Packable](#), [Projects](#), [Shop](#), [Solar Modules](#), [USB Solar](#)

Product Tags: [10W Solar Panel](#), [6v](#), [9w](#), [9w solar panel](#), [9Watt](#), [canada](#), [cell](#), [module](#), [panel](#), [solar](#), [solar panel](#), [solar usb battery charger](#), [USB Solar Panel](#), [voltaic](#), [voltaic 9w](#), [voltaic systems](#)

Product Page: <https://www.modernoutpost.com/product/voltaic-9w-solar-panel-6v/>

Product Summary

This is the 9W Rugged Solar Panel by Voltaic Systems. It's waterproof, lightweight, and offers the highest efficiency. Outstanding charging performance for both smartphones and 7" tablets, with a full smartphone in as little as 2 hours of summer sunshine. Store the power in a USB battery like the [Voltaic V25](#)] or [V50](#)] or [V75](#)] battery pack, or any other USB battery pack such as **Goal Zero** or **Anker**.

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Voltaic 9W Rugged Solar Features...

Waterproof

UV resistant

Compact and lightweight

Dimensions...

220 x 255 x 5mm (8.7 x 10.1 x 0.2 in)

360g (12.75oz)

Voltaic 9W Solar Specifications...

Monocrystalline cells - 19% efficient

Open Circuit Voltage: 7.0V

Peak Voltage: 6.0V

Peak Current: 1500mA

Peak Power: 9.0 Watts

Construction...

Urethane coating

3mm Aluminum/Plastic composite substrate

Mounting and Cables...

Four screws on back corners of panel allow multiple mounting options

Output cable is 8.5 inches, 22cm long and has 3.5x1.1mm plug

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

2-year warranty

HOW TO USE THIS PANEL... Directly charge USB devices

Connect directly to phones, GPS, & other USB devices using the optional Mini or Micro USB connectors. Note that the panel's output current will vary with daylight intensity, and this may not make some USB devices happy. In these cases, your best option is to connect the panel to a storage battery pack that can deliver

consistent power to the level your device wants (see the next option...)

Store solar power in a USB battery pack for use anytime at max power

This is the most powerful option for charging USB devices. Connect the panel to a USB back-up storage battery using the optional Mini or Micro USB connectors. Or use the [Voltaic V25](#)] or [V50](#)] or [V75](#)] battery pack! The power you store from the panel in the back-up battery pack can be used any time, day or night, to charge your smartphone, GPS, camera, iPad, or other USB devices.

Connect multiple panels together...

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

Check the "Accessories" tab on this page to see the various plug-n-play junction boxes available for doing just that. Combine 1, 2, 3, or 4 panels together in 6V or 12V or 18V configurations.

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Attention Trekkers & Kayakers!...

Want to use the Voltaic 9W solar panel to power your gear while out in the wilderness?

You will want to consider the following accessories...

[Ansmann PL Vario](#)] - Universal charger for AA/AAA, and most camera battery packs (3.6v-7.4v)

Panel Straps - Secure the panel to your pack

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.

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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: 1 × 1 × 1 cm
- Weight: 0.6 kg

Product Gallery



