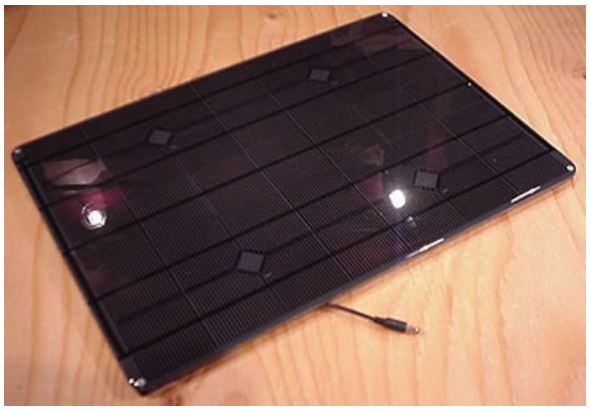
17W Tough Solar Panel by Voltaic (P117C)



Price: CAD $269.00

SKU: VCPAN17W
Product Categories: Bike Touring, Crystalline, Folding Crystalline, In The Field, On The Road, On The Trail, Packable, Portable / Luggable, Projects, Research, Roof / Ground / Pole, Rugged Stuff, SAR & Military, Shop, Small Modules : 10W+, Solar Modules
Product Tags: 17, 17 watt, 17w solar panel, 17WATT-C, cabin solar, cabin solar charger, camp solar charger, canada, module, rugged, rugged solar panel, small solar panel, solar, solar panel, tough, voltaic, voltaic systems
Product Page: https://www.modernoutpost.com/product/17w-solar-panel-by-voltaic-systems/

Product Summary

This 17W rugged solar panel by Voltaic is tough, lightweight, frameless, and waterproof with an output of 17 Watts at 18V. The correct type of panel for charging 12V & universal solar battery packs. You can easily slip this panel in a backpack for portability or mount it wherever you need power.

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This 17 Watt, 18 Volt panel is the most compact panel in the market at this power level. It is designed to charge the Voltaic V88], Voltaic V250], and can also work with the Sherpa 100AC], Sherpa 100PD], and other batteries that charge in the 12-14 Volt range like the Powertraveller Mini-G]. This includes deep cycle marine, AGM, and Gel cell batteries.
Applications and Charge times
With a few exceptions for ruggedized laptops, we recommend charging laptops via a battery like the Voltaic V88] or Sherpa 100AC], (ie not directly from a solar panel). Cameras can be charged directly from the panel as most camera cradles are looking for 12 to 24 Volts.
Features...

- Waterproof - UV resistant - Compact and lightweight

Dimensions...
39.3 x 27.4 x 0.6 cm (15.5 x 10.75 x 0.25")
710g (26.8oz)
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Output Specifications...

- Monocrystalline cells - 19% efficient - Open Circuit Voltage: 20.0V - Peak Voltage: 17.5V - Peak Current: 1.05A - Peak Power: 18.45 Watts - Construction - Urethane coating - 3mm Aluminum/Plastic composite substrate

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Mounting and Cables - 8 screws on back corners of panel allow multiple mounting options

Fits Voltaic's Large Mounting Bracket] - Output cable is 8.5 inches, 22cm long and has 3.5x1.1mm plug

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**For maximum power output, orient the panels towards the sun. When not angled towards the sun, output will be reduced. Dirt and scratches on the face of the panels will reduce the amount of light hitting the solar cells. Clean the panels with a damp non-abrasive cloth. Charge times are estimated based on optimal conditions and may increase in cloudy weather, high temperatures, or when panels are not angled towards the sun.

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Looking For Something A Little Smaller?

Voltaic also makes a 9W], 9W/6V], 6W/6V], 3.5W/6V], 2W/6V], and 1W/6V] module in this same rugged series. Use the 18V modules for charging 12V batteries, and use the 6V panels for charging USB batteries.

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How To Use This 17W Rugged Solar Panel... **1. In your solar power projects**

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

2. To charge your 12V devices

Connect directly to 12V car chargers & devices using the optional circuit boxes & CLA connectors. Note that the panel's output current will vary with daylight intensity, and this may not make some devices happy. In these cases, your best option is to connect the panel to a storage battery pack (like the V72) that can deliver consistent power to the level your device wants (see the next option...)

3. Store power in a battery pack

This is by far the best option for powering your gear. Connect the panel to a storage battery (like the V72) using the optional circuit box connectors. The power you store from the panel can be used any time, day or night, to charge your

smartphones, GPS receivers, cameras, iPads, computers, or just about any other device.

Connect Additional Panels Together

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

Check the Voltaic page] to see the various plug-n-play circuit boxes available for doing just that. Be sure that you have a battery pack that can handle the extra power (or use a charge controller)

Attention Trekkers

Want to use this solar panel to power your gear while out in the wilderness?

You will want to consider the following accessories...

Panel Straps - Secure the panel to your pack

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

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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: 40 × 29 × 1 cm
- Weight: 0.71 kg

Product Gallery