

V25 : Advanced Solar USB Battery Pack by Voltaic Systems



Price: CAD \$69.00

SKU: VCBATT-V25

Product Categories: [Packable USB Battery Packs](#), [Batteries](#), [Bike Touring](#), [Lithium](#), [On The Road](#), [On The Trail](#), [Pop Picks For Backpacking](#), [Shop](#), [Ultralight](#)

Product Tags: [always on](#), [canada](#), [low input](#), [pass-through](#), [solar battery](#), [solar charger battery](#), [usb](#), [usb battery pack](#), [v25](#), [v25 battery pack](#), [v25 canada](#), [voltaic systems](#), [voltaic v25](#), [voltaic v25 canada](#)

Product Page:

<https://www.modernoutpost.com/product/v25-advanced-solar-usb-battery-pack-by-voltaic-systems/>

Product Summary

V25 Advanced Solar USB Battery Pack by Voltaic Systems. One of their leading USB battery packs that is specially designed for use with solar and other input sources. The V25 USB Battery Pack features 6,400mAh and is the ideal portable power bank

for smartphones, tablets, and other USB electronics. Ideal for research field stations, backpack solar kits, bicycle hub chargers, and more.

Product Description

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Think all pocket USB battery packs are the same? Think again.

That USB battery at Amazon, Costco or the big box store, might seem like a good deal, but take a closer look. Their cheap lithium cells, basic overhead battery management circuitry, poor construction, and lack of dynamic features can be frustrating. For example, most standard USB batteries cannot charge your device while they are charging themselves - they will only do 1 thing at a time.

When you need a proper compact USB battery, you'll choose the V25.

Need more energy storage?

Consider the **V50** or **V75**. Same features, more energy.

What's So Great About The V25?

- Optimized For Solar Charging - accepts input power down to very low input currents
- Pass-Through charging - the V15 can charge & be-charged at the same time

Built-In "[Always On](#)]" Feature For IoT And Time-Lapse Projects

- Dual USB Ports

V25 Specifications

ITEM: V25-K

Size and Weight - 7.7 x 7.8 x 2.6 cm - 160 grams **V25 USB Battery** - Capacity: 6,700mAh, 24 Watt Hours - Output: 5V/2A , 3A max (2 outputs) - MicroUSB Input: 5-6V/2A - USB-C (Input Only): 5V/2A - Battery Type: Li-Ion - Protection: Short circuit over charge, over discharge, over temperature (35°C

Input Cutoff, 45°C Output Cutoff), under temperature (0°C Input Cutoff, -20°C Output Cutoff) - Safe for air travel ([Carry-on Luggage Only](#))] **Includes** - V25 USB Battery Pack - USB - MicroUSB Charging Cable **Testing and**

Certifications - UN 38.3 - IEC 62133 - CE - FCC **More About 'Always On Mode'**

The V25 battery features an updated 'Always On' technology as its standard state and will not shut off even if your device is drawing low or no power. **There is no low current cutoff.**

To stop charging your device, double tap the Power Level Button or disconnect from the battery. To resume charging, tap the Power Level Button once.

Battery recovers into Always On mode after discharge, over-temperature and under-temperature events. Power consumption in Always On mode is approximately 7mA.

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How Do I Use The Voltaic V25 battery?

Simple. Charge it up by plugging it into any USB port (computer, wall adaptor, USB solar panel, etc). Then use the stored power to charge all your USB devices.

Plug in your USB devices just like you would plug it into any USB port on your computer or wall adaptor.

Do I need to disconnect the V25 from the solar panel before I charge my device from it?

No. The V25 offers pass-through charging. This means you can charge from the V25 while the V25 is charging from a solar panel or wall charger. This is an important feature, as you want to be able to capture as much solar energy as possible, and don't want to pause sunlight collection while you are charging your camera in the middle of the day.

Is it safe for my phone or other USB device?

Yes. The power from the Voltaic V25 follows USB standards, and your phone or other device will determine how much power to take, and when to stop charging. Exactly the same as charging from any other USB port.

What about charging camera batteries & rechargeable AA & AAA batteries?

The battery charger that came with your camera is meant to plug into a wall, and

will not work with the USB output of the V25. BUT, have no fear, there are products that are designed to charge all types of batteries from USB sources. Check-out the [Ansmann PL Vario](#)] & [Powerline Easy](#)] chargers that handle small camera batteries, large dSLR & camcorder batteries, plus AA & AAA NiMh rechargeables.

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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: 10 × 9 × 4 cm
- Weight: .36 kg

Product Gallery



