

## V50 USB Solar Battery Pack by Voltaic Systems



Price: CAD \$119.00

**SKU:** VCBATT-V50

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

**Product Tags:** [solar battery](#), [usb battery](#), [usb solar battery](#), [usb-c battery](#), [v50](#), [v50 battery](#), [v50 canada](#), [voltaic v50](#), [voltaic v50 canada](#)

**Product Page:**

<https://www.modernoutpost.com/product/v50-usb-solar-battery-pack-by-voltaic-systems/>

### Product Summary

The V50 USB Solar Battery Pack by Voltaic Systems. Now with USB-C PD output!. It's the latest portable battery innovation for people who care about maximizing their packable power capabilities. This USB Battery pack features 12,800mAh of

power, pass through charging, and 'Always On' mode. It's ideal for providing backup power to smartphones, iPads, tablets, and other USB electronics.

## Product Description

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We've been working with Voltaic Systems since 2006, and their equipment has always been built to a higher standard. Their V50 battery, like the smaller [V25](#)] and larger [V75](#),] is the battery model used by Canadian first responders, law enforcement, military, and outdoor enthusiasts across the country. The right features, reliable performance, and built for use with or without solar.

Voltaic V50 Features...

- Optimized to Charge from Solar - Pass Through Charging - 2X USB-A Ports 1X USB-C PD - Standard [Always On](#) Feature for IoT and Time-Lapse Projects]

Designed with Solar Panels in Mind

Plug this battery into any solar panel that provides a USB output port. The ability to provide pass-through charging means that energy flows through from the solar panel to your device. Your connected equipment will always get maximum power, whether from the solar, the battery, or both.

Voltaic V50 Specifications...

**Battery:** - Capacity: 12,800mAh, 47 Watt Hours - USB-A Output (2 Always On ports): 5V/2A, 3A max. Use side port for charging if using Always On mode. - USB-C Input Solar (Both USB-C ports): 5-6V/2A - USB-C PD Input / Output (Top USB-C port): 5V/4A, 9V/2.2A, 12V/1.6A - Minimum Charge Current: 5mA (indicators turn on at 60mA) - Maximum Power Point (MPP): 5.2V - Battery

Type: Li-Ion - Protection: Short circuit over charge, over discharge, over temperature (45°C Input Cutoff, 60°C Output Cutoff), under temperature (0°C Input Cutoff, -15°C Output Cutoff) - Safe for air travel ([Carry-on Luggage Only](#))]

**Size and Weight** - 4.5 x 3.1 x 1.0 in. (11.4 x 7.8 x 2.6 cm) - 9.6 ounces (272 g)

**Includes:** - V50 USB Battery Pack - USB -to- USB-C Charging Cable **Always On Mode**

The V50 battery features updated Always On technology on the 2X USB-A ports. The output 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 (26mW).

Always On is not active when charging from the USB-C-PD input port on the top of the battery. Always On output is active when there is no input or when charging from the input port on the side of the battery.

## Product Attributes

- Dimensions: 6 &times; 4 &times; 3 cm
- Weight: .4 kg

## Product Gallery



