



USB Battery Pack & Solar Charger Instructions

For V25, V50 & V75

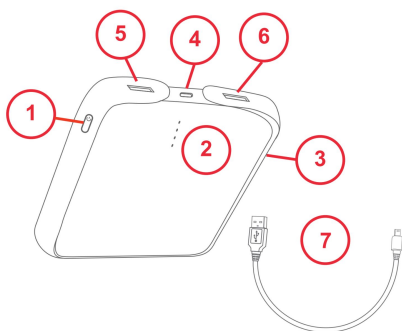
support@voltaicsystems.com

Instructions

The Voltaic USB Battery Packs are designed to charge most USB devices including smartphones, tablets, DSLR cameras, and micro-controllers. To charge your device, simply plug into either of the USB outputs or top USB-C port. The battery packs can be recharged via any USB port or from a Voltaic 5-6V solar panel. Battery packs can be charged while charging your device.



The interior of a solar charger case can become hot in the sun. In hot conditions, open the battery compartment to increase air flow and avoid overheating.



Product Details

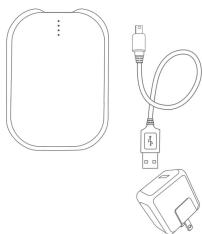
1. Power Level Button
2. Power Level Indicator
3. USB-C Input
4. USB-C PD Input/Output
5. USB Output 1
6. USB Output 2
7. USB-C Charging Cable

Charging USB Devices

Using your device's USB charging cable, plug directly into either of the two (2) USB Outputs or top USB-C PD port. Device will automatically begin to charge.

USB ports feature Always On technology and will not shut off even if your device is drawing low or no power. 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.

Remove cable(s) from USB Outputs when storing the battery for an extended period.

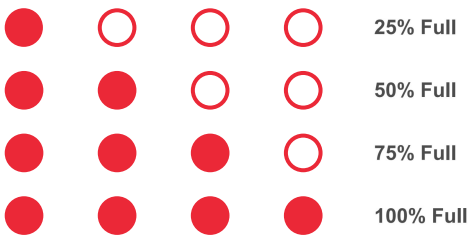


Charging Battery

Recharge the battery from a Voltaic 5-6 Volt solar panel or any USB port (with the included USB-C Charging Cable). Can also be recharged via top USB-C PD port using any USB-C to USB-C cable (not included).

Battery Level Indicator

Press Power Level Button to show charge level. LEDs will blink when charging and indicate charge progress.



Charge Times (Hours)

Power Source	V25	V50	V75
USB (5V)	2.5	5.0	7.5
USB-C PD (20W)	1.5	3.0	4.5
5W Solar Panel	6.0	12.0	18.0
10W Solar Panel	3.0	6.0	9.0

Tips for Fastest Solar Charging

1. Place solar panel outside in direct sunlight. Panel will not work inside. Charge time increases on cloudy days.
2. Point panel directly at the sun, avoid shading the panel.
3. Confirm LEDs on battery are lighting up in sequence.

Specifications

V25 Battery: Li-Ion, 6,700mAh / 24.12Wh

V50 Battery: Li-Ion, 13,400mAh / 48.24Wh

V75 Battery: Li-Ion, 20,100mAh / 72.36Wh

All USB Battery Packs:

USB Outputs: 5V/4A max Output

Top USB-C: 5/9/12V 20W PD Input/Output

Side USB-C: 5-6V/2A Solar Input

Protections: Short circuit, over charge, over discharge, over temperature, under temperature



Discharge and charge fully every 5 months to preserve battery life. Store between 20° to 35° C (68° to 95° F). Charge between 0° and 45° C (32° to 113° F). Discharge between -15° and 55° C (5° to 131° F). Do not expose battery to high heat or direct flame. Dispose of properly. Do not throw in trash or incinerate. Do not get battery wet, store in high humidity or otherwise short circuit. Do not disassemble or tamper with battery.