



## V15 USB Battery & Solar Charger Instructions

For USB Electronics

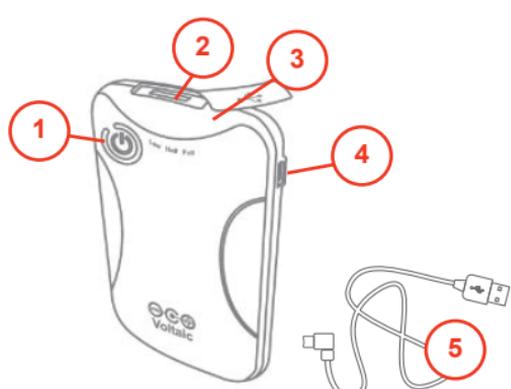
[support.voltaicsystems.com](http://support.voltaicsystems.com)

### Instructions

The Voltaic V15 battery is designed to charge most USB devices including smartphones. Charge the battery from any USB port or a Voltaic 6 Volt solar panel. Turn the battery on by pressing the Power button and connect your device to charge.

You can charge the battery and your device at the same time.

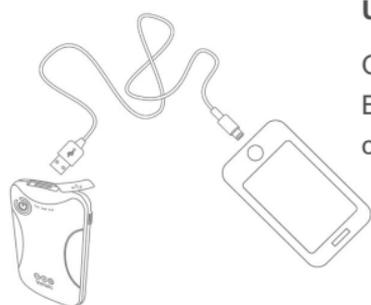
**!** **The interior of a solar charger case can become hot in the sun.** In hot conditions, open the battery compartment to increase air flow and avoid overheating.



### Product Details

1. Power Level Button
2. USB Output
3. Charge Indicator
4. MicroUSB Input
5. MicroUSB Charging Cable

### Charge Device with Manufacturer's USB Cable



Once plugged in, press the Power Button to turn battery on and begin charging device.

### Charge Battery from any USB Port with MicroUSB Charging Cable



Charges in 4-6 hours. Optional wall and car chargers are available at [voltaicsystems.com/ac-dc-chargers](http://voltaicsystems.com/ac-dc-chargers)

### Battery Level Indicator

Battery LEDs light up sequentially when charging. Disconnect and press Power Button to see battery level.

●	○	○	○	< 25% Full
●	●	○	○	25-49% Full
●	●	●	○	50-75% Full
●	●	●	●	76-100% Full

### Solar Charge Times in Direct Sunlight

Solar Panel	Hours	Models
4W	6	Amp
5W	5	Converter
10W	4.5	6 Watt Kit, Switch Solar Bag

### 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.

### Battery Modes

Auto Off (Standard): Battery will stay on as long as power is supplied to an external device. After 20 minutes of inactivity, the battery will automatically turn off. To turn on, press the Power button. To turn off manually, simply double click the Power button. For normal use, we recommend the Auto Off setting.

Always On: Battery will stay on regardless of activity. To enter Always On mode, hold Power button for 7 seconds until you see the charge indicators flash 3 times and temporarily remain on. To exit Always On mode hold the Power button for 7 seconds until the charge indicators flash 3 times and turn off. More power is consumed in this mode and is not recommended for most users.

### Specifications

Li-Poly, 4,000mAh, 15 Watt-hours; **Output:** 5V / 1A; **Input:** 5-6V / 1A

**!** Discharge and charge fully every 5 months to preserve battery life. Store between 20 - 35 C (-4 to 95 F). Charge between 0 and 45 C (32 to 113 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.

