



VenVolt™ 802.3at PoE+ Site Survey Battery Pack

Ventev's patent-pending VenVolt™ 802.3at PoE+ Site Survey Battery Pack provides WLAN professionals and network engineers with mobile PoE+ power for Access Points and other 802.3at-powered devices. The long-lasting, lightweight battery pack has two RJ-45 connectors for data in and power out, and a USB port to simultaneously power USB-powered devices. The charge indicator shows at-a-glance how much battery charge remains. The Site Survey Battery Pack's LiFePo4 battery has a stable chemistry, longer life span than other lithium formulations, and is non-toxic and non-contaminating. *Every Ventev VenVolt™ is RoHS compliant, and is covered by a one-year Ventev warranty. For questions or to purchase product, contact Ventev at 210-375-8482, 800-851-4965 or sales@ventev.com.*



Specifications	
Model Number	TWSSBP-8023AT
Full-Charge Duration *(normal circumstances)	7 + hours
Chassis Material	High Impact ABS and Rubber
Ports / Connectors	2 x RJ-45, 1x USB, 1x Charge
Dimensions (Inches)	9" x 5" x 3.5"
Weight (lbs.)	4.5
Battery Type	LiFePo4
Battery Rating	7 amp hrs. / 7000mAh / 84 WH
Cycle Life	2000 or more charge/discharge cycles

Full-Charge Duration

Power duration for the VenVolt™ at full charge varies depending on AP configuration and clients connected.

- **Typical Duration:** During a passive site survey, with no clients associated, a single charge powers a typical 802.3at Access Point with both radios configured at a moderate power setting for at least 7 hours.
- **Minimum Duration:** Provides over 6 hours of power with a Cisco 3802 Access Point configured with both radios enabled and set for maximum power levels, and a client connected to each radio sending traffic to each other, as well as to the AP.
- **Maximum Duration:** Provides over 21 hours using a low-powered AP configured in single radio mode with the radio turned to its lowest power setting.

Features and Benefits

- Longer life battery than alternate battery packs in a convenient, all-in-one package.
- Two RJ-45 Connectors allow data in and power out, and a USB port simultaneously provides power for USB devices.
- LED Battery Indicator displays at a glance voltage or percent of available power.
- Powerful 3 amp USB charging for peripherals.
- AC Charger accepts worldwide voltages.
- Rubber feet on bottom and side allow flexible positioning, airflow and non-slip operation.



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Transportation Note: VenVolt's 84-watt LiFePo4 (Lithium Iron Phosphate) power system complies with Transportation Security Administration (TSA) Guidelines (TSA Travel Tips Tuesday 06/11/2013) that state that passengers may carry lithium ion batteries up to 100 watt hours per battery inside a carry-on bag. VenVolt™ owners should comply with the TSA packing guidelines for batteries, and tape the on/off switch to the off position when flying.

Charge Note: VenVolt™ was designed to accept a charge while powering an AP. It can be plugged into an outlet during use to allow continuous power.

Battery Disposal: The battery should be fully discharged, removed and taken to a battery recycler for disposal.

Warranty: Ventev's Limited Warranty guarantees the product is free from defects in material and workmanship, and that if used in accordance with accompanying labels or instructions, will perform as specified for one year from the date of purchase. This limited warranty does not cover damages caused by accidents (including drops), misuse, modification, acts of nature, improper installation, or abnormal wear and tear. This warranty is Ventev's only warranty. There are no other express or implied warranties for the product, including any warranty of merchantability or fitness for a particular purpose; and is limited to the repair or replacement of the product.

Operating Guide

Operating the VenVolt™ is simple and intuitive. The power switch is centrally located on the front panel, and is recessed to avoid accidental movement. When this switch is on, all functions are enabled and the VenVolt™ is ready for use.

Powering an Access Point:

- Ensure VenVolt's power switch is in the "off" position.
- Plug an RJ-45 cable (user provided) into the VenVolt's RJ-45 port labeled "802.3at Out."
- Plug the other end of the RJ-45 cable into the access point's RJ-45 port.
- Place VenVolt's power switch to the "on" position.

Powering a Tablet, Computer or other device from the USB port:

- Ensure the VenVolt's power switch is in the "off" position.
- Plug a USB cable (user provided) into the VenVolt's USB port labeled "3 Amp."
- Plug the other end of the USB cable into the tablet's USB port.
- Place VenVolt's power switch to the "on" position.

Charging the Battery:

- *Note:* The VenVolt™ requires charging when the voltmeter dips below 12.0 or when the percentage meter drops below 50%. A full charge can take up to 5 hours, depending on the state of discharge.
- Plug the AC charger into an AC outlet and insert the other end into the charging port of the VenVolt™. Place the master switch to "on." The battery gauge will begin to climb within a few seconds of starting the charge cycle.
- The battery gauge will indicate 100% charge and VenVolt™ will stop accepting the incoming charge when charging is complete.
- Unplug the charger and turn the power switch to "off" then "on" to "wake up" the unit. *Note:* The VenVolt™ can be charged while in use.