

# Outdoor PoE UPS Power System for Wi-Fi Access Points

Ventev's Outdoor UPS for Wi-Fi Access Points provides clean, reliable PoE+ power for one or two Wi-Fi Access Points. The NEMA 4X enclosure is small, lightweight and includes battery backup capability to increase network reliability. These systems are designed to convert 120VAC site power to 48VDC (POE+) providing power to drive the active equipment. The Outdoor UPS can be pole or wall mounted and universal RJ45 connections make installations simple. Don't risk having an unreliable outdoor wireless network; power your equipment with Ventev's Outdoor UPS. For questions and to purchase product, contact a Regional Sales Executive at 800-851-4965 or [sales@ventev.com](mailto:sales@ventev.com).

## System Highlights

- ◇ Ideal outdoor power solution for Wi-Fi radio deployments
- ◇ Converts 120VAC into 45 watts of power per PoE injector for most common PoE devices
- ◇ One gigabit Ethernet port per injector for fastest data transfer rates
- ◇ Ensure network reliability with UPS capability providing 4+ hours of backup time when power grid fluctuates
- ◇ Designed for outdoor installations, the Outdoor UPS is lightweight and low profile with latch locks providing protection and security



Single PoE+ Output SKU 553279



Double PoE+ Output SKU 581721

System includes power supply and charger, PoE injector, wire harness and RJ 45 feed-thrus. **Batteries NOT included and sold separately. Refer to Page 2 for battery SKU.**

**Compatible with most POE+ devices including Access Points: Cisco 1572EAC & IW3700, Aruba 270, Meraki MR72, and others**

### Features

- Plug and play design using standard RJ45 Ethernet connections
- Seamless transfer to battery backup system ensures AP remains powered
- Pole or wall mountable

### Benefits

- Saves time! Simple to install and connect to Wi-Fi Access Points and PoE devices. No AC or DC connectors or wire harnesses needed
- No equipment rebooting hassles

### Designed to enable critical outdoor Wireless Network deployments such as:

- Municipal Wi-Fi deployments enabling traffic management
- Data analytics at remote Oil and Gas drill sites
- Public Wi-Fi at parks and recreation areas
- Wireless connectivity at railyard sites
- Outdoor security cameras

# Outdoor PoE UPS Power System for Wi-Fi Access Points

| Outdoor UPS Enclosure System Specifications        |   |   |
|--|---|---|
|  | Single Output SKU 553279  | Double Output SKU 581721                                      |
| <b>Output Power</b>                                | One PoE+ (802.11ac) output port, 45W  | Two PoE+(802.11ac) output port, 45W/ port                     |
| <b>Gigabit PoE</b>                                 | 10/100/1000 Mbps PWR+DATA OUT (Data + Power)  |   |
| <b>Input Power</b>                                 | 90 to 264VAC 60 Hz, 3.5 amp.  |   |
| <b>Battery Backup System</b>                       | Built-in charger w/sealed lead acid batteries<br>Automatic switchover to stand-by battery when AC fails.  |   |
| <b>Backup Time</b>                                 | 4 Hours (using one 7Ahr battery)<br>Expandable to 8 hrs w/ second battery   | 4 hours for each PoE injector (one 7Ahr battery per injector) |
| <b>System Protections</b>                          | Low Voltage Disconnect: Included (cutoff voltage 10.5, reconnect voltage 12.5)<br>PoE Surge Protection, DC input fuse protection, Short circuit protection (auto-reset) |   |
| <b>Terminal Blocks</b>                             | AC with knife switch, DC for 12V and ground   |   |
| <b>Environmental Temperature Range</b>             | -25C to +50C (-13F to + 122F)<br>Includes temperature consideration for the battery(s)  |   |
| <b>Dimensions</b>                                  | 12"H x 10"W x 6"D   |   |
| <b>Enclosure</b>                                   | NEMA 4X Grey polycarbonate, opaque hinged lid<br>Includes pad lockable latches & moisture vent  |   |
| <b>Enclosure Ports</b>                             | One port for AC-input, Three ports for RJ45 I/O   |   |
| <b>Weight w/ Batteries</b>                         | 10 lbs  | 15 lbs  |
| <b>Included but not installed with each system</b> | Battery harness for up to two batteries, 1 hole plug, 4 RJ45 glands, tabs for wall mounting   |   |



### Accessories

- Replacement batteries Yuasa 7Ahr Model NP7-12, TESSCO sku 532518
- Pole mount for <= 4" poles TESSCO sku 330781
- Universal pole mount <= 15" TESSCO sku 303580
- 1" Dia RJ45 compatible cable glands TESSCO sku 576422
- 1" dia hole plugs TESSCO sku 344873

### Notes:

- For AC input requirements >270VAC, call Ventev for options
- For extended battery backup time, call Ventev
- Site AC power cord provided by others