

Outdoor UPS

for PoE Enabled Devices

Ventev's Outdoor UPS for PoE Enabled Devices provides clean, reliable PoE+ power for one Wi-Fi access point needing 70 W. The NEMA 4X enclosure is small, lightweight and includes battery backup capability to increase network reliability. These systems are designed to convert 120 VAC site power to 48 VDC (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.

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

Available Models

Enclosure Description	MFG Part #	SKU
Single 70 W PoE+ Output	VPE12100P1400	606007



Features & Benefits

- Plug and play design using standard RJ45 Ethernet connections.
- Seamless transfer to battery backup system ensures AP remains powered.
- Pole or wall mountable.
- 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.
- Ideal outdoor power solution for Wi-Fi radio deployments.
- Converts 120 VAC into 70 watts of power for most common PoE devices.
- One gigabit Ethernet port 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
- Compatible with most POE+ devices.



All product specifications are subject to change without notice or obligation.

Specifications

Output Power	70 W : One PoE+(802.3at) output port, 70 W at 56 VDC Peak/Port
Input Power	90-264 VAC, 60 Hz, 3.5 Amp.
Gigabit PoE	10/100/1000 Mbps PWR+ Data Out (Data + Power)
Terminal Blocks	AC with knife switch, DC for 12 V and ground
Enclosure Type	NEMA 4X grey polycarbonate, opaque hinged lid. Includes pad lockable latches & moisture vent.
Enclosure Ports	One port for AC-input, three ports for RJ45 I/O
Operating Temperature	-13° to 122°F Includes temperature consideration for the battery/s
Dimensions	12 x 10 x 6 in.
Weight	15 lbs. with batteries
System Protections	Low voltage disconnect included (cutoff voltage 10.5, reconnect voltage 12.5); PoE surge protection, DC input fuse protection, short circuit protection (auto-reset)
Battery Backup System	Built-in charger with sealed lead acid batteries. Automatic switchover to stand-by battery when AC fails.
Backup Time	4 hrs. (using one 7 Ahr battery), expandable to 8 hrs. with second battery
Accessories Included (Not Installed)	Battery harness for up to two batteries, 1 hole plug, 4 RJ45 glands, tabs for wall mounting

Notes

- For AC input requirements greater than 270 VAC, call Ventev.
- For extended battery backup time, call Ventev.
- Site AC power cord not included.

Additional Accessories

Yuasa 7 Ahr Battery, Model NP7 (replacement batteries)

MFG Part #:	SKU #:
NP7-12	532518

Pole Mount for ≤4 in. Poles

MFG Part #:	SKU #:
PMK-4-10	330781

Universal Pole Mount Kit for 10-12 in. Wide Enclosures

MFG Part #:	SKU #:
TWPMK-10-12-UNIV	303580

1 in. Diameter RJ45 Compatible Cable Glands

MFG Part #:	SKU #:
RJ-45FT	362226

1 in. Diameter Hole Plugs

MFG Part #:	SKU #:
1/2-NEMA-PLUG	344873

9 Port Enclosure Ground Bus Bar

MFG Part #:	SKU #:
TW-LP-ENC-9PORT	329606

Single-Port Ethernet Surge Suppressor 10 KA

MFG Part #:	SKU #:
TW-SP-10GB-10-BT	299477

AC Surge Suppressor

MFG Part #:	SKU #:
DS240-120/G	238839



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