

V-POE-UPS POE BACK-UP FOR NETWORK POWERED DEVICES



- PoE input; auxiliary 12-24 VDC/24 VAC available
- Backup up to 1 hour
- Eliminates data loss upon power or connection failure
- Connect inline to any PoE edge device
- Plug & Play - no setup required
- LED indicators
- Compact and robust design
- UL and CE

Overview

With more and more devices in our industry counting on PoE as their main power source, it is essential to ensure that the PoE devices will keep running in case of power failure. Until now, power injectors and PoE switches would need to have a UPS.

The V-POE-UPS power backup for PoE edge devices is a proactive and protective standalone unit. It connects inline to any edge device providing power backup and stability to allow continuous operation when power or connection is dropped and/or disconnected.

Vicon offers the V-POE-UPS as a direct inline PoE UPS. This unit can be powered and charging off either a PoE switch or an AC/DC power source and will output PoE as well as charge the built-in batteries. In case of power failure, the unit will seamlessly switch and continue to provide PoE power (up to 11 W for 1-1/2 hours).

In addition, the unit can output VDC to power products running on VDC, such as analog cameras, media converters, etc.

Use Cases:

- Use as a PoE injector with built-in UPS when no PoE switch is available
- Use as an inline UPS when a PoE switch exists

Examples:

- Camera with SD card will keep local recording
- PoE Access Control unit will keep reader and lock operating

Electrical

Input Power:	IEEE 802.3af PoE: Output power 11 W; back up time up to 1 hour; IEEE 802.3at PoE: Output power 15 W; back up time up to 1 hour.
Inputs:	PoE only; Auxiliary only, 12-24 VDC/24 VAC; PoE and auxiliary simultaneously.
Outputs:	Backup PoE only; Backup 12 VDC Auxiliary only; Backup PoE and auxiliary simultaneously.
PoE Standard:	IEEE 802.3af
LED Indicators:	External power active; Power backup active.
Ethernet:	Auto-configuring 10/100/1000 ports Mbps

Mechanical

Dimensions (LxWxH):	4.8 x 3.9 x 1.7 in. (121 x 100 x 42 mm)
Weight:	0.65 lb (0.29 kg)

Environmental

Operating Temperature:	-22 to 131° F (-30 to 55° C)
Humidity:	Up to 85% relative, non-condensing
Approvals:	UL; cUL; CE; CB; FCC; TUV
Warranty:	3 years

Typical Installation



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