



## 24V Integrated UPS Power System, Polycarbonate, No Batteries VN-124B1-000-1

By Ventev  
Catalog # VN-124B1-000-1



Ventev's 24V DC UPS Power System is designed for IoT applications to ensure reliable power for Cellular and SCADA radios. The compact, lightweight NEMA 3R enclosure system converts 120 V AC site power to 24V DC to power active equipment. Easily configurable in the field, the system is delivered fully integrated to meet your specific deployment requirements and can be mounted on poles or walls.

### Features

- Converts AC power to DC power.
- Rugged NEMA-rated enclosure protects in harsh weather.
- The thermostat-controlled fan and vent keep the system cool during the most extreme conditions.
- Latches for padlocks to secure equipment from tampering and theft.
- Pole or wall mountable.
- Configured and delivered fully integrated for fast, trouble-free installation.
- Cost-effective solution for ensuring reliable power for uninterrupted connectivity.

### Applications

- Smart Grid: powers collector point systems for LTE backhaul radios with enclosure I/O ports for antenna cables.
- Smart Farming: provides 24V DC to power Gateway radio systems with accommodations for external LTE antennas.
- SCADA Networks: Protects remote equipment and provides 24V DC power to SCADA radio with UPS and integrated antennas.

### General

Environment	Indoor or Outdoor
Installation Type	Wall or pole mount
Color	Gray
Additional Accessories	TWPMK-16-UNIV: Pole Mount Kit (sold separately)
	RJ-45FT: 1" Diameter Cable Glands ½-NEMA-PLUG: 1" Diameter Hole Plug

### Specifications

Dimensions	18x16x10 inches
Weight	15 lbs.
Lock Type	Padlock-able latches
Material	Polycarbonate
Operating Temperature	-22 to 113°F
Vents	75 CFM, 24V DC fan
Holes/Ports	AC-input (1), RJ45 I/O (1)
NEMA Rating	3R
Input Power	90-264V AC, 60 Hz, 3 A
Output Power	120W at 24V DC
Battery Back-up	None
System Protections*	LVD, Overload, Over Voltage & Temp.
Terminal Blocks	AC, DC and Ground w/ knife switches
UPC	662620925035

### Product Assets

[Sales Drawings – Outline Drawing \(link\)](#)  
[Specifications – Specifications Sheet \(link\)](#)

*\*Note: low voltage disconnect w/ cutoff 10.5V, reconnect 12.5V. Over-voltage auto-recovery. Over temperature, auto-recovery after temperature goes below set-point.*

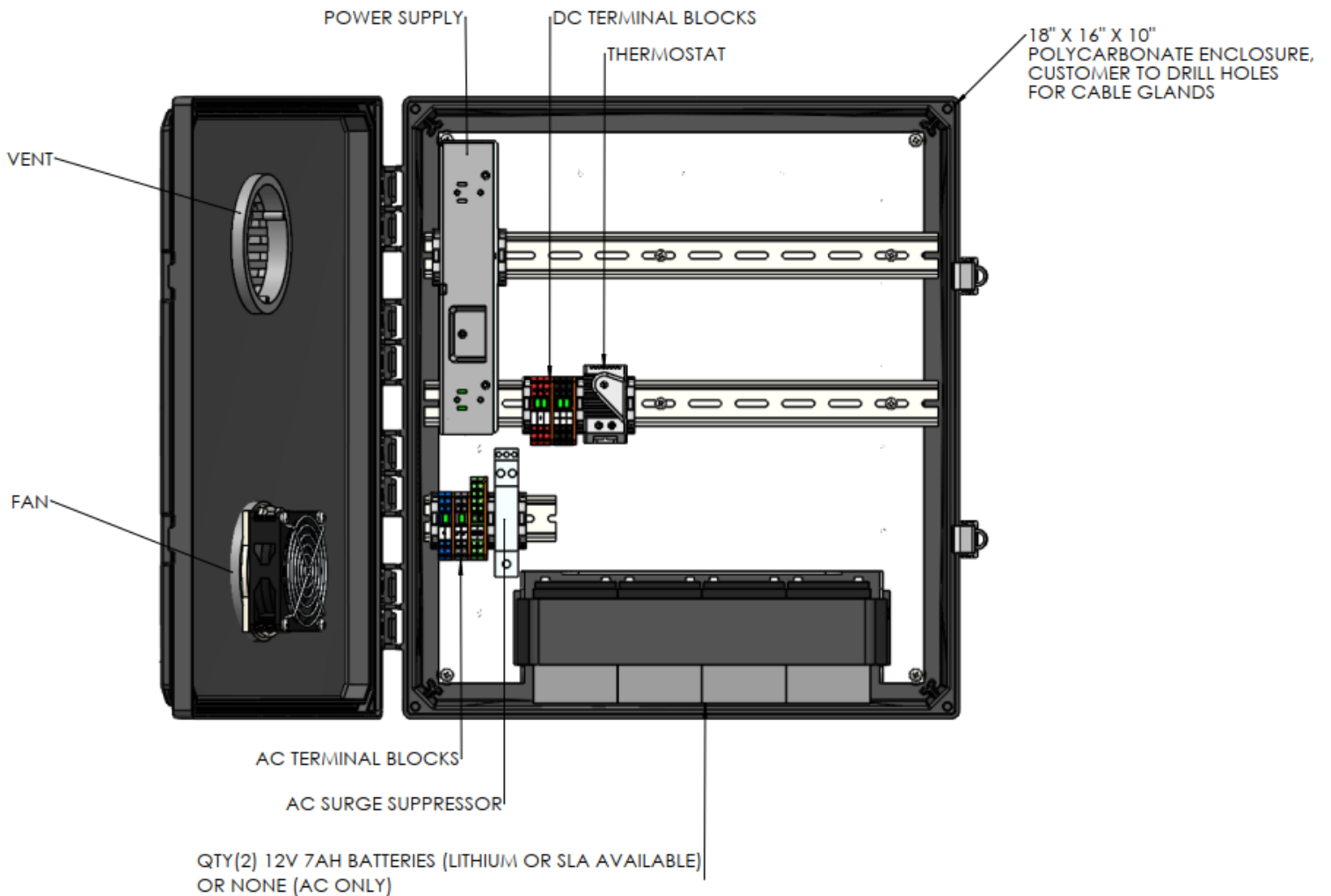


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