

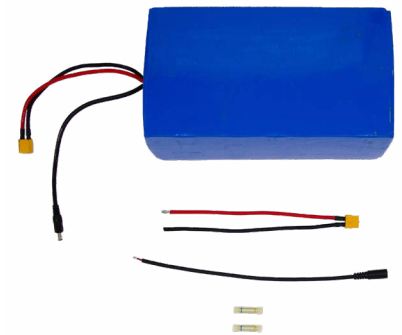
# Lithium Battery Retrofit Kit - 48 VDC

Ventev's Lithium Battery Retrofit Kit is designed to replace the existing lead-acid batteries in our 48 VDC UPS power systems. The kit includes the lithium battery and hook-up cables for a simple and easy conversion from lead-acid to lithium-based battery technology.

The retrofit battery is constructed of lithium iron phosphate (LiFePO4) and is designed to provide up to 2 hours of backup power at maximum load in the event of a power outage. The battery longevity is 10 years or 2000 cycles and doubles the back-up time of a similar lead-acid battery. It is compatible with most all Ventev 48 VDC UPS systems, both old and new – please consult the factory for final confirmation of your current system.

## Specifications

SKU	606402
Manufacturer Part Number	LI-48V16AH-KIT
Weight	20 lbs.
Battery Pack Type	Lithium iron phosphate (LiFePO4)
Nominal Voltage	48 V
Capacity	16 Ahr - 768 Whr
Continuous Discharge Current	8 A
Intermittent Peak Discharge Current	16 A
Continuous Charge Current	5 A
Intermittent Peak Charge Current	10 A
Housing	Shrink film over rigid composite panels
Connectivity	2-conductor quick disconnect plug with supplied mating connector pigtail – 10 AWG wiring



## Features & Benefits

- Custom designed and manufactured for installation and retrofit into Ventev 48 VDC UPS power system enclosures.
- Improved discharge voltage consistency over conventional SLA batteries.

## Assembly Instructions

1. Disconnect battery switch.
2. Cut red and black battery wires to length of 18 inches, removing quick disconnect terminals from end opposite of terminal blocks.
3. Strip 3/8 inch of insulation from ends of battery wires opposite terminal blocks.
4. Remove electrical tape from lithium battery wires. Strip 3/8 inch of insulation.
5. Connect butt (bar end) connector to terminal block wire.
6. Connect lithium battery pack wires to the butt connectors, being sure to match red and black wires appropriately.
7. Connect battery switch.

Note: Document #606344



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