

SPECIFICATIONS

Subject to change without notice

Voltage (DC)	12V
Capacity	9AH
Battery Type	Valve Regulated Sealed Lead Acid / Absorbent Glass Mat (AGM)
Battery Life	5 Years
Controller Type	3 stage PWM, 12V 5A
Overcharge Protection	14.4V
Over-discharge protection	11.0V
Over-discharge recovery voltage	12.4V
Controller Self Consumption	<6mA
POE Power Supply	18VDC 14W
Enclosure Type	Die Cast Aluminum
Enclosure External Size	11 x 8.5 x 3.5" (279 x 216 x 89mm)
Enclosure Internal Size	10 x 7.75 x 3" (254 x 197 x 76mm)
Space for Customer Electronics	7.75 x 5 x 1.25" (197 x 127 x 32mm)
System Weight (without batteries)	4lb (1.8kg)
Battery Weight (each)	2.5kg (5.5lb)

Limited Warranty

The UPS Pro™ products are supplied with a limited 24 month warranty which covers material and workmanship defects. This warranty does not cover the following:

- Parts requiring replacement due to improper installation, misuse, poor site conditions, faulty power, etc.
- Lightning or weather damage.
- Physical damage to the external & internal parts.
- Products that have been opened, altered, or defaced.
- Water damage for units that were not mounted according to user manual.
- Usage other than in accordance with instructions and the normal intended use.



TP-UPS-DC-12-9 UPS Pro™ Outdoor UPS System

- Wireless Base Stations and Client Devices
- Surveillance Cameras
- Mission Critical Backup Power
- Remote Sensors



Congratulations! on your purchase of the UPS Pro™ Outdoor UPS backup power system. Please take a moment to review this Qwik Install Guide before assembly or battery installation.



DANGER! Avoid Powerlines! You Can Be Killed!

When following the instructions in this guide take extreme care to avoid contact with overhead power lines, lights and power circuits. Contact with power lines, lights or power circuits may be fatal. We recommend to install no closer than 20 feet to any power lines.

Safety: For your own protection, follow these safety rules.

- Perform as many functions as possible on the ground
- Do not attempt to install on a rainy, windy or snowy day or if there is ice or snow accumulation at the install site or if the site is wet.
- Make sure there are no people, pets, etc. below when you are working on a roof or ladder.



Recommended Tools: Phillips Screwdriver, 3mm Allen Wrench, 14mm Open End Wrench



Please help preserve the environment and return used batteries to an authorized depot

Qwik Install



STEP 1: Connect Battery to Controller. Be sure to observe polarity. Black wire connects to battery negative terminal. When battery is connected the yellow power-on LED should light on controller.

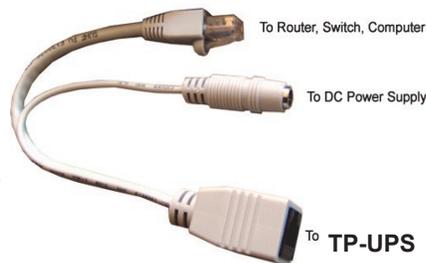
STEP 2: Install battery to enclosure with battery terminals on right.

STEP 3: Install metal plate using 8 screws.

STEP 4: Install Cable Feedthru into center hole in bottom. Feedthru gasket is on outside of enclosure and nut inside. Tighten nut. **OPTION:** add a drop of threadlocker to the nut to prevent accidental loosening.

STEP 5: Install two bracket pieces to back of enclosure using 4 screws. Bracket can be used for wall mounting or pole mounting.

STEP 6: Install CAT5 cable between POE inserter/Power Supply inside building and the UPS Pro™ unit. It is highly recommended to protect electronics from lightning/surge damage that the power supply be plugged into a surge protected outlet inside the building.



2

STEP 7: Mount any electronics boards to the metal plate. On the bottom there is a double D cutout for a standard N Female bulkhead connector which can be used for an external antenna or RF device. Just remove the hole plug to use this cutout.

STEP 8: Tighten RJ45 Feedthru in the Cat5 cable. If the cable diameter is too small to make a good seal wrap a couple turns of electrical tape around the CAT5 cable at the seal area to increase it's diameter.

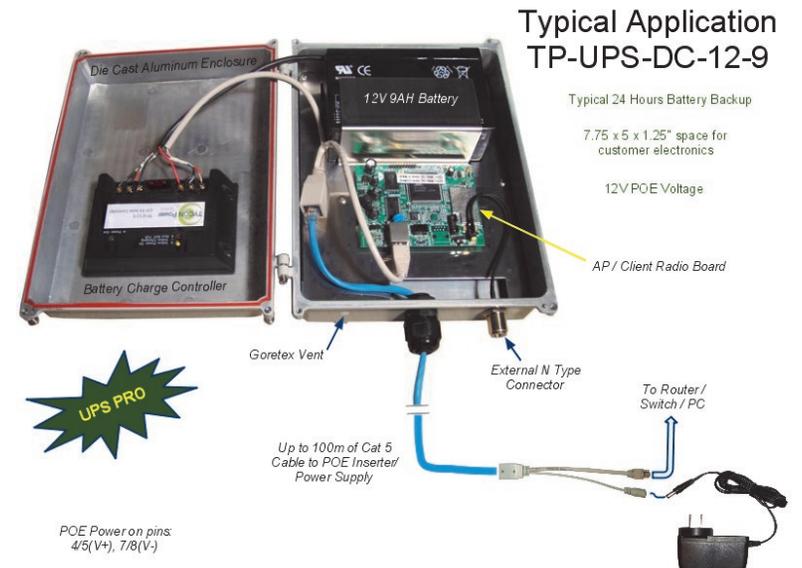
STEP 9: Make sure lid gasket is clean and free from any particles, then carefully close the cover, making sure that wires are clear of the seam and hinge area.

STEP 10: Tighten the 4 seal screws evenly to seal the cover.

TECH CORNER

Additional Information you may find useful

- 1. CONTROLLER:** The controller turns off power to the load at 11V and reconnects when the battery reaches 12.4V. This protects battery from overdischarge and increases battery life and performance.
- 2. CAPACITY:** With a typical AP running 4W average. The battery should be able to provide backup power for up to 26 hours at room temperature. For cold temperatures the capacity is reduced by 20-30%.
- 3. VENTING:** The enclosure is vented thru a small hole on the bottom. The hole is covered with a PTFE breathable membrane vent. Do not remove the vent cover.



3