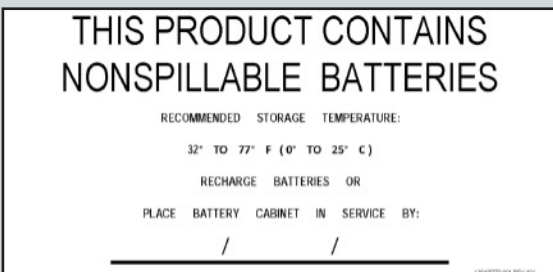


# Eaton lead-acid and lithium-ion battery recharge service

Batteries are a sizable investment in most UPS installations and can last for years with proper maintenance and adherence to battery manufacturer charge-by dates



## Eaton UPS battery cabinet recharging service

Most Eaton UPS customers understand the importance and role batteries provide in delivering backup power, plus how battery preventive maintenance and inspections can prolong the useful life of a battery system. However, some customers are surprised to learn that UPS batteries prefer to be constantly charged and storing batteries past the manufacturer's "charge-by date" can void the battery warranty.

**Problem:** Often, a customer purchases a new UPS with batteries and the UPS isn't installed and started for six or more months. Every VRLA battery has labeling from the battery manufacturer or Eaton for the required trickle "charge-by date" to maintain the battery warranty. This date varies by battery make, but if the UPS isn't started, or energized, with the batteries connected before this date, the battery warranty is voided. The batteries may or may not perform to the intended runtime specification, and this can occur at any time during the warranty period.

**Solution:** Eaton delivers a complete on-site service including the recharging hardware, labor, safety equipment and documentation to recharge your batteries. Eaton recharges batteries to the manufacturer's specifications for recharge times and voltages. This battery recharging service and documentation preserves the battery warranty and your investment. Most batteries can be recharged twice (varies by battery OEM).

Eaton factory trained technicians will schedule to recharge your batteries at your site, using appropriate charging and test equipment. Customer only need provide adequate access to the batteries and 120VAC power source, and this service typically is completed over a two to three-day period.

## Eaton battery recharge service:

- Recharge batteries per the battery manufacturer's specifications.
- Inspection and verification of individual cell/battery open circuit voltages and overall appropriate charging voltage
- Inspection of charger output current and voltage
- Validate charge effectiveness
- Two site visits to setup the recharging and removal of Eaton owned equipment (may be more than two)
- Travel labor for up to 100 miles between the Eaton field technician and customer site (total trip); labor and expenses is billable beyond 100 miles.
- Battery equipment, if connected to a UPS or other charging cabinet, will be restored to original state
- The technician(s) will issue the customer a verbal report summarizing the condition of the battery and identifying any critical issues before leaving the customer's site
- A detailed report containing all readings and observations will be sent (through email) to the customer within five business days.

## Customer requirements to perform this service:

- Provide access to a suitable 120v non GFCI receptacle fed by a 15A breaker within 50 feet of batteries
- Physical space to safely perform this service (indoor, no loading docks, etc.)
- Unpackage/repackage cabinets if battery cabinets are still in shipping packaging
- Batteries must be preinstalled in battery cabinets or UPS — no loose batteries