





# Why choose Eaton for battery replacement services?

#### **Comprehensive service**

Our battery replacement services include:



#### Assessment and consultation

We evaluate your current battery setup and recommend the most cost-effective and suitable UPS batteries for your application.



#### **Stocking locations**

Eaton has regional stocking locations strategically placed for rapid deployment of new batteries.



#### Installation and testing

Eaton manages the entire installation service, ensuring work and safety procedures, which vary by UPS and battery type, are followed. All field technicians have specialized safety equipment to handle batteries, including extensive arc flash training and full OSHA-approved personal protective equipment (PPE). Standard installation services can be augmented with extensive and rigorous battery installation certification such as IEEE® and load testing.



#### Inspection, cleaning and reporting

We thoroughly inspect all batteries, cables, connections, terminals, cabinets and racks. We clean all accessible surfaces and provide a field activity report documenting the results of the installation and noting any concerns.



#### **Battery monitoring**

Eaton offers a permanently installed battery monitoring system that measures, stores and reports battery operating parameters to maximize uptime. Remote monitoring software is also available.



#### Sustainability

Eaton includes the removal and EPA approved disposal of old batteries helping reduce your environmental footprint and offset installation costs.



#### Warranty

Eaton UPS batteries ≥200 watts per cell come with three years of parts coverage, including full replacement of any failed battery. If a battery fails within the first year, an Eaton authorized technician will install the replacement battery on-site at no charge. An optional labor warranty for three years is also available.



#### Technical support

Eaton-qualified UPS batteries are backed by a network of trained and qualified battery technicians. Post-warranty services include battery monitoring and maintenance plans.



#### Best quality and competitively priced

Eaton is committed to providing high-quality products and services. Our UPS batteries meet the highest industry standards for safety and performance, giving you peace of mind.

- Eaton partners with multiple battery manufacturers to provide customers with high-quality UPS batteries with optimal shelf life remaining and ensures compliance with stringent quality standards by accessing suppliers' quality programs and production facilities
- Eaton tests and UL® certifies batteries for use in Eaton battery cabinets and compatibility with Eaton UPS models
- Eaton leverages its extensive network and buying power with major battery manufacturers and subcontractors to deliver competitive pricing and comprehensive UPS battery services across the United States

- When managing battery inventory, Eaton follows detailed operating procedures to maintain battery shelf life
- Eaton stands behind our work and resolves supplier issues for our customers through a documented traceability process
- Eaton technicians use the Eaton Battery Analysis Reporting System (EBARS) to perform real-time analysis of battery issues, diagnose problems and guide corrective actions onsite; EBARS logs and validates measurements like battery voltage, internal resistance, intercell resistance and electrolyte temperature
- Eaton has the capability and experience to perform battery replacements on non-Eaton UPS systems

### IEEE battery testing benefits

Eaton adheres to IEEE standards for battery testing and battery replacements, which offer numerous benefits:

- Enhanced reliability:
   Regular testing helps predict battery performance and identify potential issues before they become critical
- Extended battery life:
   Proper maintenance and testing can prolong battery life, reducing the need for premature replacements
- Safety assurance:
   IEEE standards ensure that batteries are tested for safety, minimizing the risk of failures and hazards
- Compliance and warranty:
   Adhering to IEEE standards
   helps meet regulatory
   requirements and maintain
   manufacturer warranties

#### ABM technology for extended battery life

As part of Eaton's battery installation services, if not already configured, Eaton can activate our exclusive ABM® (Advanced Battery Management) technology. This technology significantly extends battery service life through a unique three-stage charging technique. This method optimizes recharge time and reduces the risk of overcharging, which can lead to battery degradation. Key benefits of ABM technology include:

- Increased battery life:
   ABM technology can extend battery life by up to 50% compared to traditional charging methods
- Early problem detection: ABM provides early detection of potential battery issues, allowing for proactive maintenance
- Optimized performance: By reducing the time batteries spend in a fully charged state, ABM minimizes grid corrosion and other factors that shorten battery life

Learn more at Eaton.com/ABM

## Ready to upgrade your battery system?



Contact Eaton today to learn more about our battery replacement services and how we can help you maintain reliable power for your operations.

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#### Learn more at Eaton.com/UPSbatteries



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