

Battery Power Services

IntelliBatt's Battery Power Services (BPS) offers your business a comprehensive solution for all facets of battery installation and maintenance services on new or existing battery strings.

Pre-Installation Services

Battery warehousing

IntelliBatt's warehouses are strategically-located for prompt delivery times. Newly-constructed facilities improve temperature control for battery storage prior to customer installation.



Quality assurance testing

Quality assurance testing is performed prior to battery installation using a portable Ohmic testing device. IntelliBatt validates that all open circuit voltage and ohmic measurements are within parameters. All test data for warranty claim purposes is accessible by battery manufacturers via a web interface.

Freshening charge

Warehoused batteries will receive a freshening charge so that they arrive at the site in a fully-charged state for installation.

Documentation of work procedures

IntelliBatt provides a Method of Procedure (MOP) prior to the commencement of each project giving customers better visibility of the safety and process involved for a successful installation.

Transportation & battery staging

Once the maintenance window is scheduled, IntelliBatt coordinates all activities to transport the batteries from the security of our warehouse to the customer site. IntelliBatt generates a project plan that includes a checklist in preparation for the transportation, staging and installation of the batteries. Precautionary steps are taken to ensure that the customer floor and doors are protected with masonite and bumpers during the project

On-Site Services

Experienced staff

All battery-related work will be performed, coordinated and supervised by our professional staff. Bringing many years of experience with UPS batteries and battery monitoring systems, IntelliBatt Field Service Technicians are trained to understand the operation of the equipment, and fully appreciate the criticality of maintaining "UPS uptime" and its impact on customer load.



IntelliBatt's new warehouse is conveniently located at the convergence of CA-80, CA-5 and CA-99 to provide a 2-4 hour delivery to points in Northern California and Nevada and a 6-8 hour delivery to Southern California.

IEEE quality, safety procedures

IntelliBatt adheres to IEEE battery maintenance standards and practices. IntelliBatt technicians maintain a professional work appearance and are equipped with the proper Personal Protective Equipment (PPE), complying with best safety practices.

Removal, installation & battery disposal

The old batteries are safely transported and disposed of at an EPA-certified recycling facility. A certificate of destruction is provided for your records.

Additional battery testing services

IntelliBatt performs additional battery testing such as AC/DC load bank testing as well as thermography services. Data from these tests are analyzed and uploaded to our web interface for customer review.

Post-Installation Services

Warranty management

IntelliBatt manages any warranty claims with the manufacturer and subsequent replacement of batteries.

IEEE reporting

IEEE compliant load test reports are prepared based on the battery discharge data and provided to the customer.

Preventative & corrective maintenance

Our two part approach for effective battery maintenance programs:

- Assessment of battery data is performed on-site and leads to immediate corrective maintenance.
- Trending the measurement data captured from stationary battery monitors and portable Ohmic & voltage testers, IntelliBatt's web-based reports via the BAR, further pre-empts battery failure by identifying system weaknesses.

Annual, semi-annual or quarterly preventative visits verify that your batteries are adequately matched with your system's capabilities. IntelliBatt is certified in all major battery monitors and customizes programs to reduce the TCO (Total Cost of Ownership) of your battery systems as appropriate.

IntelliBatt

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Battery Power Services

	IntelliBatt BPS	Other Service Providers
Newly-constructed warehouses improve temperature control for battery storage during storage	X	
Pre-installation quality assurance testing	X	X
Freshening “boost” battery charging	X	X
Professional, standardized methodology and operating practices (develop MOPs and SOPs) used during project management of each installation	X	
Best-in-class engineering & test equipment using latest standards and calibrations for each project	X	
Proper PPE equipment on hand	X	
Quality, safety procedures observed	X	
*IEEE 1657-rated field service technicians	X	
Removal and battery disposal	X	X
EPA-certificate of battery destruction for record keeping	X	X
AC load testing	X	X
DC load testing	X	X
Thermography testing	X	X
Web-based warranty claim management	X	
IEEE reporting	X	
Web-based platform to archive preventative maintenance reports	X	
Trend analysis of PM battery data	X	
TCO (total cost of ownership) reduction planning	X	

* pending IEEE standard

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