Battery Maintenance Services

Flooded or Valve Regulated Lead Acid Batteries

Batteries are the heart of almost every emergency system and studies continue to show that the majority of failures in UPS systems are due to batteries. The costs associated with lost data or damaged critical load equipment can be staggering, especially when compared to the cost of preventive maintenance. The primary objective of a battery maintenance program is to ensure that the battery system is able to meet the emergency run time requirements for the critical system to which it is connected.

Effective maintenance must be regular, comprehensive and consistent; including visual inspections, voltage, resistance, (impedance) current and temperature measurements as well as capacity testing (when appropriate) to identify any performance related problems.

Jantech offers a variety of Battery Maintenance Programs that can be tailored to your specific battery type(s) and specific needs. Appropriate load banking testing can provide predictive failure analysis of the batteries.

- IEEE 450 Maintenance and Testing
- IEEE 1188 Maintenance and Testing
- Battery Removal and Disposal to an EPA approved facility, with all tracking documentation
- Battery Load Bank Testing
- Replacement VRLA battery systems including Installation
- Replacement flooded lead acid battery systems including installation
- Battery Disconnects
- Battery Monitoring Systems

Preventative programs* available may include:

** Choose from Monthly/ Quarterly/Semi-annual/Annual*

- Visual Inspections
- Impedance testing
- Voltage recording
- Specific gravity: recording/check electrolyte levels (flooded lead acid batteries)
- Check for unintentional battery grounds
- Load bank testing to verify proper operation of individual cells or blocks of cells
- Constant KW or predetermined sustained current load bank testing to determine battery system capacity

Benefits include:

- Reduced disruption of services by identifying and replacing failing batteries
- Reduced volume of emergency service calls
- Reduced risk of catastrophic system failure

OUR TECHNOLOGY

Jantech utilizes 'best in class' test, measurement equipment and DC load banks from Fluke, Alber, and Biddle, as well as our own specialized equipment to conduct all vitally important tests, measurements and recordings as required by the Institute of Electrical and Electronics Engineers (IEEE) standards and as recommended by each individual Manufacturer.

OUR PEOPLE

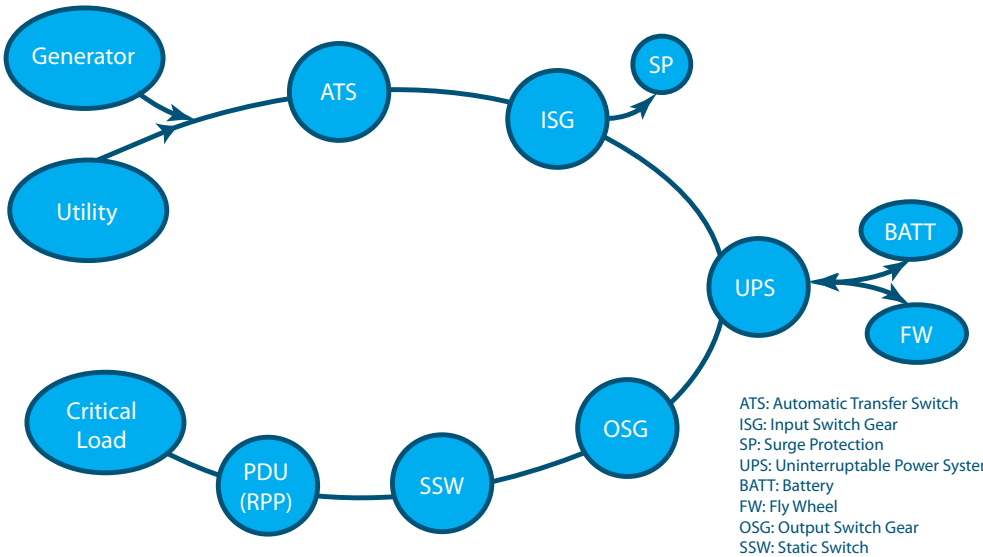
Jantech's staff of technicians and engineers have years of experience in testing and maintaining both flooded lead acid and VRLA battery banks utilized in UPS, telecom, utility, generator and switchgear applications.

WHY JANTECH

Jantech has been in the business of maintaining power systems at mission critical facilities for over 25 years. Our knowledge of the complete power system from service entrance to low voltage distribution uniquely enables us to quickly identify performance issues with your emergency power battery system. Should the need occur Jantech will work with you on any required course of action needed to maintain the integrity of the battery system

1-800-JANTECH
www.jantechups.com

JANTECH SERVICES, INC.



ATS: Automatic Transfer Switch
ISG: Input Switch Gear
SP: Surge Protection
UPS: Uninterruptable Power System
BATT: Battery
FW: Fly Wheel
OSG: Output Switch Gear
SSW: Static Switch
PDU: Power Distribution Unit
Critical Load: Anything Needing Power Protection

REGIONAL HEADQUARTERS

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** Corporate Headquarters*

JANTECH SERVICES, INC.

SERVICES

UPS Maintenance
Battery Maintenance, Installation & Disposal
Infrared Thermography
Load Bank Testing (AC & DC)
Power Quality Audits and Consulting
Site Acceptance Testing
Turnkey Installations
Emergency Call-outs

PRODUCTS

New UPS
New Batteries
Refurbished UPS
Battery Monitoring
Surge Protection
PDU's/RPP's
Static Switches
Maintenance Bypass Panels
Parts