

ULTRA CARE

BATTERY MANAGEMENT PROGRAM

Vented Lead-Acid
Valve-Regulated Lead-Acid
Nickel Cadmium

ULTRA CARE Battery Management

Program: Four Packages are available (PLATINUM, GOLD, SILVER & BRONZE) that can be tailored to replace or complement maintenance performed by in-house personnel. *ULTRA CARE* Programs are available for all type batteries in all standby power applications.

Our *ULTRA CARE* Battery Management Program is designed to ensure battery integrity and reliability while reducing the total cost of the owning experience. Our Program has been created to meet or exceed manufacturer recommendations and IEEE Standards for Vented, Valve-Regulated Lead-Acid, and Nickel Cadmium battery technologies. A detailed report will be provided after each service, along with any recommendations based upon the analysis of the data gathered during the *ULTRA CARE* service. Johnson Battery will also keep all archive reports generated during this service for the life of the battery as long as Johnson Battery continues to maintain the battery, or two years after the last maintenance performed by Johnson Battery, to assist with warranty compliance or future battery analysis.

ON-SITE SERVICES

Gold Package (*Quarterly Visits – 4 per year*)

- (4) Services Per Year

Silver Package (*Semi-Annual Visits – 2 per year*)

- (2) Services Per Year

Bronze Package (*Annual Visits – 1 per year*)

- (1) Service Per Year

CONTINUOUS BATTERY MONITORING WITH REMOTE ACCESS

Platinum Package

- Quarterly Reports Generated and Provided to Client
- Email Alert Notifications
- (1) Annual On-Site Service

On-Site Service	Vented Lead-Acid	Valve-Regulated Lead-Acid	Nickle Cadmium
Total battery float voltage at battery terminals	✓	✓	✓
Total battery float current	✓	✓	✓
General appearance of the battery area	✓	✓	✓
Charger output current and voltage	✓	✓	✓
Detailed visual inspection of battery rack/cabinet	✓	✓	✓
Terminals, connectors, racks/ cabinets for signs of corrosion	✓	✓	✓
Ambient temperature of the battery room	✓	✓	✓
Condition of ventilation system	✓	✓	✓
Voltage of each cell/unit	✓	✓	✓
Detailed visual inspection of the condition of every cell	✓	✓	✓
Individual cell/unit internal ohmic measurement	✓	✓	✓
Status of battery monitor	✓	✓	✓
AC ripple current and voltage	✓	✓	✓
Detailed visual inspection of the battery rack/cabinet	✓	✓	✓
Battery for unintentional grounds	✓	✓	✓
Electrolyte level	✓	Not Required	✓
Verify cell-to-cell and cell-to-terminal connections	✓*	✓	✓
Specific gravity of each cell	✓*	Not Required	Not Required
Temperature of each cell/unit	✓*	✓	✓

* 10% checked during quarterly services. 100% checked during semi-annual and annual services.

CORRECTIVE ACTIONS – After our *ULTRA CARE* service is performed all required corrective actions and the urgency of each corrective action will be communicated to the Client. Johnson Battery can then work with the Client to offer recommendations to correct any concerns.

SPECIAL INSPECTIONS – If the battery has experienced an abnormal condition such as a severe discharge, overcharge, or extreme high temperature, an on-site service should be performed to assure the battery has not been damaged.



Johnson Battery Company, Inc.

Corporate: 6487 US Highway 19 South • Zebulon, GA 30295

Phone: 800.634.2801 • Fax 770.567.0020