Take Charge of Your Batteries with
BATTERY RX™

12VDC - 96VDC
☐ MODEL BMID III-G WIRELESS
☐ MODEL BMID III-N NO WIRELESS

Charger Comm · Fault · Water · Data Comm · Power

Temperature Sensor
Aux Input
Key On
Relay
CAN

Battery Negative
Battery Positive
Midpack Voltage
Water Level Sensor

Current Sensor

PosiCharge
AeroVironment

CAUTION
SEE OWNER'S MANUAL
FOR PROPER INSTALLATION

CLASSIFIED
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9BA6
ELECTRICAL ACCESSORY FOR
USE IN INDUSTRIAL TRUCKS
AS TO FIRE
AND ELECTRICAL SHOCK HAZARD ONLY

1 EASY SETUP
Installs in 20 minutes with no special battery requirements.

2 24/7 BATTERY MONITORING
Monitors battery SOC, water level, voltage and temperature in real-time.

3 SMART CHARGING CAPABILITY
Transforms your facility into a "smart fleet" operation.

4 WARRANTY COMPLIANCE TRACKING
- Stores cumulative battery data for the life of the battery.
- Provides complete warranty history and helps you comply with your battery warranty – no more finger pointing.

5 CELLULAR COMMUNICATIONS
- Delivers actionable data without IT department's involvement.
- Alerts sent directly to email.

Battery Rx is a fleet management tool designed to monitor, record and report on the health of your batteries, in turn extending useful battery life and enhancing overall fleet productivity. It provides an alert when there is an issue with the battery that might affect its performance or create downtime. Battery Rx provides annual cost savings by minimizing the need for battery replacements.

This advanced battery monitor is secured to the battery and communicates with your battery chargers, transforming your facility into a "smart fleet" operation. Battery Rx is able to uniquely identify each battery, and stays with it for the rest of its life, continuously monitoring use, recommending rotation schedules and advising users on estimated battery life expectancy.

Battery Rx also enables you to lower annual costs by minimizing downtime and reducing battery replacements through features such as preventative maintenance scheduling and real-time alerts for issues that might affect battery performance. It can also help you better control ongoing battery costs by automatically tracking your fleet's battery warranty compliance, and reporting on any warranty deviations.

All battery health and charge data is directly downloadable from the battery, delivering actionable data without costly infrastructure. In addition, Battery Rx features an optional cellular connection to let you view and download real-time fleet info from the web via AV's PosiCharge PosiNet back-office system.

Battery Rx works with AeroVironment's complete line of PosiCharge products.

SPECIFICATIONS

• Compatible with all 24 to 96V batteries

• Dimensions: 7.63" L x 2.25" W x 1.25" D

• Current measurement range +/- 1000 amps

• Electrolyte immersed temp sensor with -20F to 165F operating range

• Water level detector

• Designed to handle acid immersion and high pressure spray from battery washing
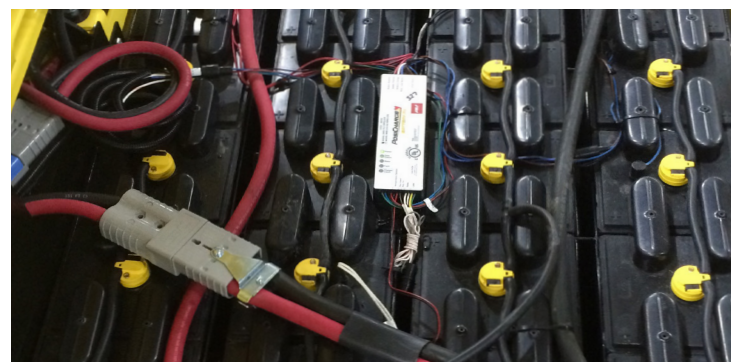
All specifications are subject to change. image shown is a representation; production model may vary slightly in appearance.

POSINET®
BACK-OFFICE DATA MANAGEMENT SOFTWARE

Full suite of battery and charger data analyis tool

- Extensive reporting capabilities
- Ability to download fleet info from the internet.
- Intuitive user interface
- Delivers weekly exception reports and lifetime battery historical reports
- Real time alerts for early issue detection
- Prevents long term battery damage before it is too late
- Key email alerts: Battery Low SOC | Battery Missed EQ | High Battery Temperature | Battery Low Water

Figure 1. OPERATIONS STATUS REPORT – Provides a simple summary of the battery performance and maintenance issues for the past week.
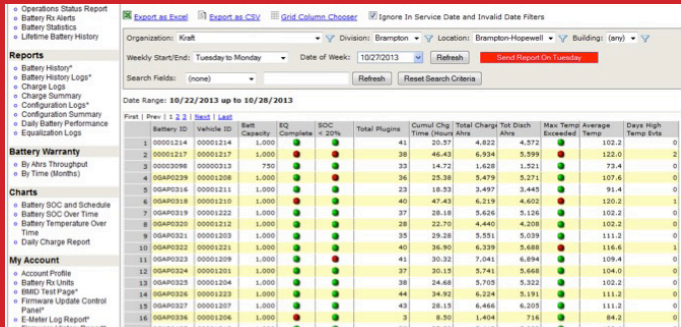
Figure 2. BATTERY SOC CHART – Provides ability to review battery SOC in detail for any time period in the history of the battery.
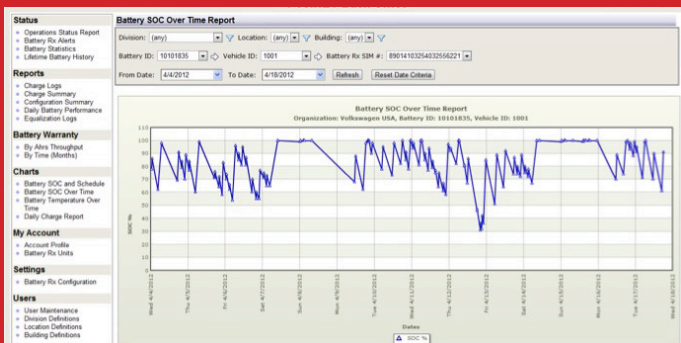

Figure 3. BATTERY TEMPERATURE CHART – Provides ability to review battery temperature in detail for any time period in the history of the battery.
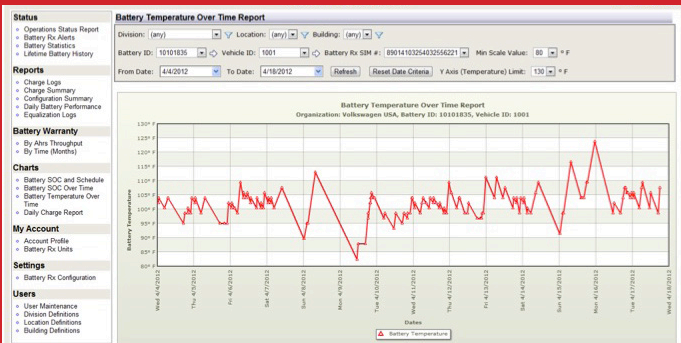

Figure 4. DAILY CHARGE REPORT – Provides ability to review daily battery charge Ahs and Plug In compliance.
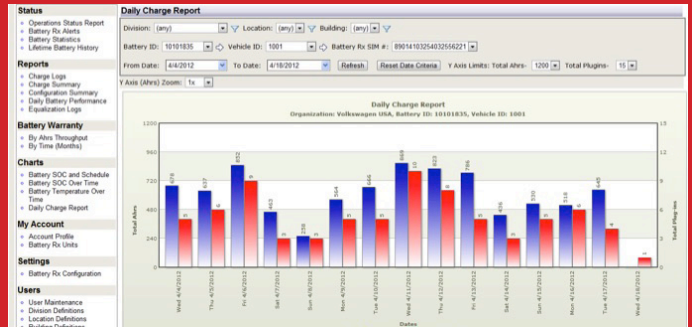

Figure 5. LIFETIME BATTERY STATISTICS – Complete history of the battery, can be used to confirm warranty compliance.
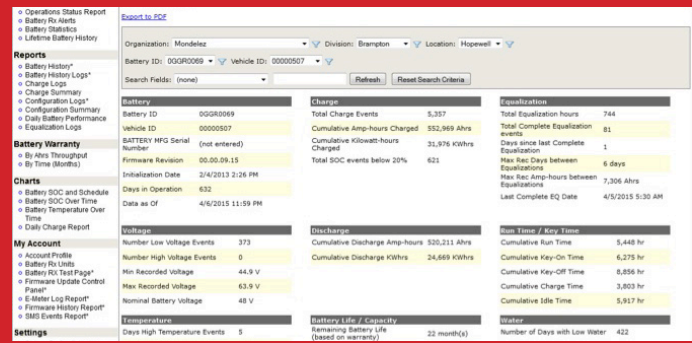

Figure 6. BATTERY WARRANTY – Ah Throughput comparison of Battery Fleet.