BACS Battery Management System

Common Applications: Power Utilities & Distribution, UPS Systems, Telecom/Communications

Product Description
The GENEREX BACS (Battery Analysis and Care System) is an integrated monitoring and management system designed for critical backup batteries.

BACS unique patented voltage balancing system ensures that all units within a string are maintained at their optimum recommended float voltage eliminating over and undercharging of units within a string to ensure maximum performance and longest life. Thermal runaway protection is included as standard. BACS also measures and records system voltage, unit voltage, unit resistance, unit and ambient temperature and load current (optional).

BACS is intended for use on up to 330 vented lead acid (VLA), valve regulated lead acid (VRLA), or nickel-cadmium (Ni-Cad) batteries. Installation of BACS is one of the most straightforward on the market.

Standard communication includes GENEREX’s BACS VIEWER battery management software for recording and trending measured parameters. BACS is entirely web based and can be installed on a private network on multiple PC’s. Networked systems can utilize SMS/Email alerts during alarm conditions. BACS can utilize Modbus or SNMP protocols for integration to a distributed control system (DCS) or SCADA (some limitations may apply).

Product Features
- 24/7/365 Battery Management and Monitoring
- Comprehensive Battery Management Software
- Easy DCS integration
- Meets IEEE and IFC standard recommendations for battery monitoring
- Patented voltage balancing algorithm to eliminate under and over charging
- Injects minimal current for measurement
- Simple to install with custom, pre-assembled installation materials
- Can be powered by AC or DC

Battery Management Software
- Displays and records system voltage, unit voltage, unit resistance, unit temperature and load current (optional).
- Trending analysis of measured parameters on a string and cell/unit level with colored easy to read graphs
- PDF and Excel reporting
- Detailed log of alarm outbreak history
- Email and SMS alerts
- Automatically record, save, & playback discharge & recharge events

To Order Call Toll Free: 1-877-805-3377
Ordering Information

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<th>No.</th>
<th>Model #</th>
<th>Description</th>
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<td>1</td>
<td>BACS</td>
<td>Battery Management System: Up to 330 Cells/Units</td>
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