

Power Systems & Controls

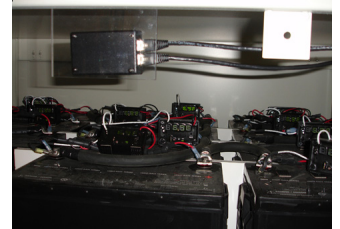
You monitor your batteries... to predict and prevent battery failure and support 24x7 operation of your critical equipment. The best way to ensure the integrity of your backup power system is battery maintenance and a solid battery management program which identifies and predicts battery failure.



The **Series SENTRY** wireless battery monitoring system is the most advanced solution to battery management.

In addition to working with your existing charging system, the **Series SENTRY** is a passive system, therefore DC loading is not constantly discharging the system and reducing battery life.

The **Series SENTRY** is designed to monitor all critical aspects of each sealed or wet cell battery in your system. In addition to monitoring and trending the individual cell measurements, the **Series SENTRY** will also track the overall string voltage and charging status. This allows you to monitor the internal resistance of each battery while under load.



Series SENTRY provides you complete monitoring capability locally and remotely. Each system includes a control panel readout revealing the status of each battery and string. A local alarm is standard.

The controller includes interface for TCP/IP, SNMP support over Ethernet, RS485 and RS232 allowing local/remote access to a central monitoring station. Our Windows based software allows complete management of your battery standards.



The ease of installation converts into cost savings. Installation is simplified using a wireless system, which does not require wires to be run from each battery to the controller. Simply install the modules on each battery, mount the DCAM's with line of sight to the LED's and run one CAT5e cable to the controller **That's it!**

POWER SYSTEMS
& CONTROLS
THE POWER IS ON!

Series SENTRY

Features

Benefits

Wireless Monitoring	Low Cost Installation - Lack of harness eliminates wiring congestion
Three Color Display	Immediate Visual Indication of each cell condition
100% Electrical Isolation	Protection against Dangerous Voltages
Measures Cell Temperature	Detect & Alert a potential Thermal Runaway
Single Cell Integrity	Identify Anomalies of individual Cells
Software Trending	Predict failures before problems occur
Measures AC Ripple	Predict and/or extend Cell Life
Local Multi-Display Controller	Parameter Readout and Active Control at the battery
Stand-Alone Controller	No Peripherals required for monitoring and installation
Monitor multiple Strings with single PC	Network not required
Monitor Ground Current	Detection of Ground Faults
Monitor Hydrogen (optional)	Increases Safety
Passive System	Monitoring does not Degrade Cell Life
Central Software	Monitor, Adjust Parameters and Trend all battery strings from one location



OK



Out of Tolerance



Action Required