

### THE INDUSTRY LEADER

AlbérCorp introduced the first ever Battery Monitor more than twenty years ago and has maintained a leadership position ever since. Our modular data collection design allows us to configure systems for any application at very competitive prices. Plus, we provide features unmatched by any of our competitors.

Industries, including the telephone and power utilities, computer data centers and other customers who depend on UPS systems, have relied on AlbérCorp test equipment to monitor the integrity of their emergency power systems.

### WORLD'S MOST COMPLETE MONITOR PRODUCT LINE

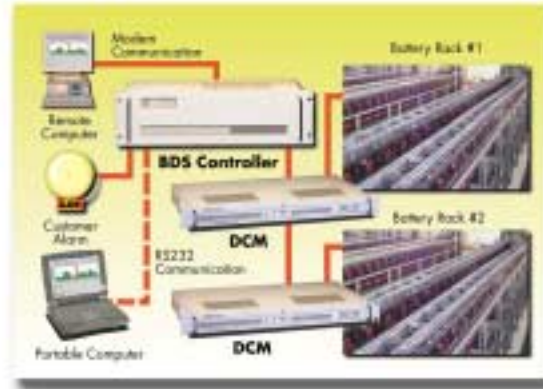
Our monitor design is consistent with the AlbérCorp corporate philosophy of "Doing things right." AlbérCorp's full function monitors provide early detection of potential problems, plus lower the cost of battery maintenance.

In today's high tech electronic world, a reliable backup power system is an absolute requirement. In order to maintain critical power uptime at close to 7x24x365, the right battery monitor must be installed as part of the system.

The AlbérCorp Battery Diagnostic System with its patented proactive resistance test is the perfect solution to detect problems.

- Early detection of battery problems
- All parameters updated every four seconds, even during discharges
- Discharges automatically detected, with data displayed and stored in real time
- Full display of all string parameters on a single screen on location or remote
- Easy management of test reports with user friendly Windows based software
- System can manage over 1000 remote monitors via standard communication links





**Monitor System**

The BDS 256 monitor system, designed for UPS and high cell count applications, can be configured to monitor any battery system installation. A typical system has a controller with multiple DCMs and one load module per string. One controller supports DCMs and load modules for up to eight strings of 256 cells. Additional controllers can be added as necessary.



**BDS 256 Features**

- Scans pertinent battery parameters, such as overall voltage, cell voltages, current and temperature, and updates approximately once every four seconds.
- Performs a scheduled resistance test of all cell/jars, intercells and intertiers. Results used for trending analysis.
- Auto detects discharges. Displays and stores real-time data.
- Alarms if any parameter is outside user-programmed limits, energizes a Form C relay contact and automatically calls a central computer to report the alarm condition.
- Communicates with an external computer via RS-232 or remotely via modem.
- Communication protocol is industry standard that allows third party software interfaces.

**Battery Diagnostic System**

- Network compatible (with optional interface).
- Expandable to monitor extremely large installations. (More than a thousand strings can be monitored remotely.)

**Multi Purpose Monitor**

The MPM (Multi Purpose Monitor) is a low cost, single module solution for all applications of 140 volts or less.



A typical system has one MPM per string.



**MPM measurement capabilities**

- Cell/module voltages (60 total)
- Overall voltage
- String current (4 channels)
- Temperature (1 channel)
- Internal and intercell resistances
- Contact closure or binary inputs (16)

**MPM Features**

- Dial in/dial out capability
- Auto detects discharges in real-time data
- Alarms and reports out of tolerance conditions
- Powered from DC bus or 115 VAC
- Multiple communications options