



### Testimonials

*"BTECH's Battery Monitoring Systems have proven to greatly reduce battery maintenance costs, extend the life of the batteries and virtually eliminate battery failure by being able to predict precisely which cells need to be replaced in advance. Based on our experience, I highly recommend BTECH Battery Monitoring Systems"*

S. Alim, Manager of Engineering, ADP

### S5 2 Volt VRLA Stack System



### S5 Wet Cell System



### Find Problem Batteries In Your UPS Battery System

BTECH's S5 Series Battery Monitoring and Validation System has been specifically designed to measure every cell in your UPS battery system. Our patented and proven impedance measurement technology has the sensitivity required to find failing cells well before they pose a risk to your critical systems. Plus, with battery sensing harnesses pre-designed and tested for your battery system, installation time is cut in half while increasing system reliability.

### Why BTECH Is The World Leader In Battery Monitoring

**We're Proven:** Over 4,000 Systems Installed Worldwide

**We're Superior:** BTECH's patented impedance method provides rock solid data accuracy and stability, allowing more time to respond - no other system comes close.

**We're Non-Destructive:** With a load signal optimized to the battery type, our system never subjects your batteries to a stressful load test. Plus, our system is not powered by your batteries.

**We Know Your Batteries:** With more experience than anyone in the business, our sales and service staff is there for you when you have questions.

### Key System Features

BTECH Monitors Key Battery Parameters: Cell and Inter-cell Impedance, System Voltage, Float, Charge and Discharge Current, plus ambient and pilot cell temperatures

Impedance measurement spec of 0.1 +/- 0.01 mΩ - the sensitivity required for flooded cells

Programmable Test & Out-of-Limits Alarms

Battery Discharge Data Logging

Up to 520 Individual Cells and 8 Strings per system

Individual String Current Monitoring for multi-string systems

Complete Isolation from the Battery String

No PC Required

### Facility Management System Integration

MODBUS over TCP/IP for simple third-party software integration

SNMP Capable

(6) Programmable Output Relays

(4) Programmable Input relays

### Alarm and Data Acquisition Options

Local: RS-232 and USB

Integral Dial Up 56k Modem

Integral Ethernet Card (Cat 5/6)

Alarms: Text Message to multiple cell phones, pagers or e-mail addresses, through BVM Software or FMS integration

### Safety

BTECH Quick-Disconnect Safety Fuses simplify battery replacements while protecting personnel during installation and routine maintenance.

