

**With unique, patented technology and the largest installed base, BTECH is the world's leader. Our experience is clearly shown in a comparison:**

- **BTECH's Pulsed DC Impedance system does not discharge the batteries during the measurement cycle.** Other methods requires a significant discharge below open circuit voltage to get an accurate reading. See the Voltage curves below for comparison.
- **BTECH is unaffected by AC ripple and does not use AC ripple to measure impedance,** which is often claimed by competitors in their sales presentations and white papers. BTECH's measurement method, using a test load of 2.5-10A RMS, produces results with a high signal to noise ratio and includes comprehensive noise analysis and filtering.
- **Only BTECH systems use actual measured baselines for each cell for alarms and trend analysis. As a result, only BTECH can predict failing cells accurately with virtually no false alarms.** The consistency and accuracy of our systems have been proven in real day to day applications. Patent protection prevents competitors from using similar measurement methods.
- **BTECH strongly recommends single cell level monitoring wherever possible. Never accept the jar or multi-cell level monitoring that others offer to lower cost,** especially with flooded (wet) cell or large VRLA battery systems. In BTECH's view, no electronics have the sensitivity to detect the small percentage changes in impedance or voltage over multiple cells fast enough to provide the early-warning capability you need.
- **BTECH systems meet or exceed all IEEE recommendations for battery monitoring, without the need for deep DC discharge testing below the battery's open circuit voltage.**
- **BTECH's factory engineered and manufactured wiring harnesses and simple software configuration - with no dipswitches - eliminate costly field system configuration while cutting installation time and cost in half.**
- **No Monitoring System is Safer to Install and Maintain.** BTECH's Unique Quick-Disconnect Safety Fuses speed battery replacements and protect personnel during installation and maintenance.
- **BTECH offers the most comprehensive software package** that lets you set up an instant remote monitoring center. Comprehensive warranty reporting is also included.

*BTECH's Impedance is More Accurate vs. Leading Voltage Response ("Resistance") Method*

