



PREDICTIVE. PROACTIVE. PREVENTIVE.™



WHO WE ARE

We're a leading global provider of sustainable US-based manufacturing and battery monitoring solutions that ensures batteries perform as intended for safety, reliability, and lifespan through the development of modern hardware and data analysis software supported by proactive management.



**BATTERY MONITORING
INNOVATION EXPERTS**



**LEADING ANALYTIC &
PREDICTIVE TECHNOLOGIES**



**SUPERIOR SERVICE
ORGANIZATION**



SUSTAINABILITY

Due to the inherent properties of remote monitoring, BTECH lessens our customer's carbon footprint by optimizing battery technology usage and minimizing in-person maintenance and visits. In an ongoing commitment to serving our environment, we dedicate time yearly to community cleanups, where employees, friends, and family get together to revive our corner of beautiful Earth.

OUR PEOPLE

BATTERY MONITORING INNOVATION EXPERTS

Our team shares your top priority: maintaining mission-critical DC plant performance. BTECH is your deadline-driven partner for exceptional remote and on-site support services. We make prompt evaluations and analyses based on real-time monitoring and data collection, following established industry metrics to ensure your batteries are reliable 24/7/365.

As experts in battery health technology, we're always innovating our offerings to remain sustainable and shape the future of our industry.



**EXTENSIVE VRLA
AND VLA BATTERY
TYPE EXPERIENCE**



**INDIVIDUAL AND
LARGE-SCALE SYSTEM
APPLICATIONS**



**SECURE DATA
COLLECTION, ANALYSIS,
AND INTEGRATION R&D**

LEADING ANALYTIC & PREDICTIVE TECHNOLOGIES

We pride ourselves on creating enduring products and robust patented technology —developed in the United States for use worldwide. We source components with supply chain expertise to build and ship systems as needed and secure quick lead times for our customers. With over 10,000 systems deployed, we've mastered the design and production of intelligent battery validation technology that assures reliability, streamlines operational consistency, and optimizes reserve power systems.



S5

Premier battery monitoring solution that collects data from all battery types, including cells with high Amp-Hour ratings (4000+), for data center UPS and large-scale critical backup power systems. S5 can handle up to 480 individual cells and support eight strings per system.



CELLQ1

Scalable battery monitoring system ideally suited for remote telecommunications, UPS systems, station battery systems, and switchgear. CELLQ1 is competitively priced for use on gensets, spare batteries, and small DC plants in any configuration or arrangement.



CELLQ2

Flexible, multi-location battery monitoring system for the DC plant batteries that enterprise, government, and industrial organizations count on to ensure equipment stays up and online. A single CELLQ2 controller monitors multiple UPS, genset, or switchgear battery systems.



BVM Software Suite

Powerful platform for analyzing battery health and performance data for an infinite number of BTECH systems simultaneously. The BVM software suite provides market-leading predictive analytics, battery data interpretation, real-time access, alarm reporting, and centralized monitoring.



BVM Enterprise Toolkit

An augmentation of the BVM Software Suite that provides enterprise-level applications—including BVM Stats, Event Viewer, and Report Creator—for managing multiple BTECH battery systems collectively with greater visibility across various locations.



Discharge Data Recorder (DDR)

CELLQ DDR collects, reports, and archives battery system float, ambient temperature, and discharge data. During discharges, the system records DC amperage and voltage decay. All data can be viewed in real time using BTECH's BVM Software Suite.



Battery Ground Monitor (BGM-500)

BGM-500 detects ground faults in DC battery systems connected to Earth ground. If the BGM-500 detects current above a configurable threshold value, it indicates an alarm that latches until cleared manually or ground current returns below the alarm threshold value.



Electrolyte Level Sensor (ELS)

Built with proven IR technology and equipped with warning and alarm capabilities, the ELS is triggered at low electrolyte levels that indicate impending battery malfunctions, failures, or even permanent damage.

SUPERIOR SERVICE ORGANIZATION

Benefit from a personal approach to support, on-site services, and remote monitoring.



Application Design

We custom configure battery systems for each application and project and include the correct wiring set to connect individual batteries and the BTECH battery monitor.

Installation & Startup

Factory direct installation services include all system wiring, hardware connections, wire routing, cleanup and final inspection, and software configuration on customer computers.

Owner & Operator Training

On-site training programs cover installation for specific end users, S5, CellQ1, CellQ2, & BGM system commissioning, remote monitoring center setup, and the basics of battery monitoring.

Remote Battery Monitoring

Our remote monitoring specialists collect, report, and archive data as battery issues and conditions occur, providing vital and timely trending and analysis data.

Preventive Maintenance

Annual inspection of battery monitoring hardware and any necessary preventive maintenance, remedial repairs, software or firmware upgrades, interactive battery mapping, and more.

Neverfail™ Maintenance & Monitoring Services

Remote battery monitoring and annual preventive maintenance packaged as one.

APPLICATIONS

We help companies deploying reserve power or battery systems eliminate the risk of failure in mission-critical buildings and applications.



Data Centers

Assure battery performance and reduce UPS battery maintenance and replacement costs in colocation, cloud, financial, corporate, government, and military data centers.



Utilities

Collect data from NiCads and VLA/VRLA cells and manage data from dual charging applications with systems that can endure harsh environments.



Remote Backup Facilities

Manage backup power systems in remote sites during power outages caused by weather, traffic accidents, and other natural or manmade catastrophes.



Public Safety & Commercial Communication Systems

Monitor the performance of generator start batteries and large UPS battery systems for central command and control centers.



Telecommunications

Prevent a loss of communication for those relying on cable companies, internet service providers, satellite companies, and telephone companies.



Government & Military

Ensure operational consistency for government data centers, military installations, and navy ships and submarines with critical battery system monitoring.




Industrial

Safeguard operations and personnel by observing the integrity of battery systems so critical industrial process equipment and their control systems can keep running.




RELY ON LEADING ANALYTIC & PREDICTIVE TECHNOLOGIES

CONTACT BTECH TODAY

 973.983.1120

 sales@btechinc.com

 btechinc.com

10 Astro Place
Rockaway, NJ, 07866