



**Franklin Electric**  
**GRID SOLUTIONS**



# BATTERY MANAGEMENT SYSTEM SOLUTIONS





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Franklin Electric Grid Solutions is a leading developer and manufacturer of intelligent monitoring systems for battery backup systems. We deliver real-time health and performance analytics for data-driven decision making. Our products empower service providers, operations teams, and maintenance personnel to effectively monitor systems, analyze risks, and perform proactive maintenance - all ensuring uptime.



## CELLTRON | ADVANTAGE

### OUR MOST POPULAR BATTERY TESTER

The CELLTRON™ Advantage is a user-friendly, customizable, and economical tool used for testing battery conductance, voltage, and temperature to deliver a complete battery state-of-health analysis. With this lightweight handheld tester, users can quickly conduct a full battery performance assessment that can be downloaded via an integrated USB port and transferred to a central battery data management system for proactive maintenance planning and compliance reporting.



## CELLTRON | ULTRA

### BATTERY ANALYZER WITH SUPERB NOISE IMMUNITY

Built upon experience and proven technology, the CELLTRON™ Ultra offers advanced battery testing capabilities for effective evaluation and maintenance of all stationary power systems, including uninterruptible power supplies in data center environments with high levels of electrical interference noise. Versatile multi-meter function allows for the measurement of AC & DC voltage and current. Scope mode displays AC ripple current and more.

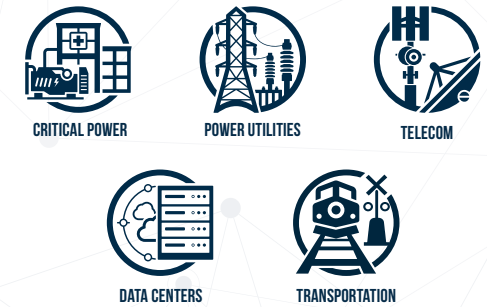


## CELLGUARD | WIRED

### INTERNAL RESISTANCE-BASED BATTERY MONITOR

The CELLGUARD™ wired battery monitoring system delivers economical, yet highly accurate and reliable remote health analysis of stationary batteries in all stationary power backup applications. Comprised of a control module, battery sensor modules, one or more string sensor modules, and a current transducer, the system provides continuous 24/7 monitoring of key battery performance indicators, to help ensure performance and uninterrupted uptime when it matters the most.

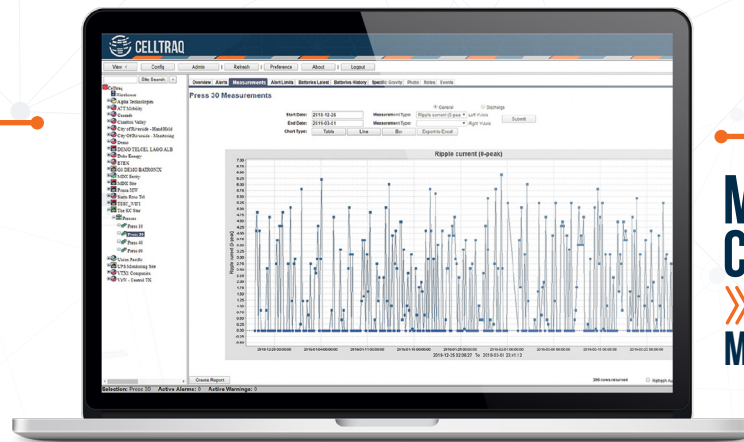
# INDUSTRIES SERVED



## CELLGUARD | WIRELESS

### CONDUCTANCE-BASED BATTERY MONITOR

The CELLGUARD™ wireless battery monitoring system provides an accurate indication of battery state-of-health by monitoring and analyzing battery voltage, temperature, and conductance. It detects specific battery deterioration and battery string failures while providing detailed battery health status reports. The wireless sensors deliver immediate battery health information while reducing overall installation and maintenance time and cost. The wireless system eliminates the need for dedicated computers to monitor each battery cabinet.



## CELLTRAQ

### BATTERY ASSET MANAGEMENT SOFTWARE

CELLTRAQ™ software is a network based solution that allows quick and easy access to battery system data. The server that hosts the software can be setup to be accessible from anywhere on your network, or on the web. Multi-user access control allows you to customize the views and functionality available to each user. Once connected, users will have access to the most comprehensive battery diagnostic tools available in the industry.

**MISSION  
CRITICAL  
» 24/7 «  
MONITORING**

# CONDUCTANCE-BASED TESTING



A battery's "conductance" is the ability it has to conduct current, which is a direct indicator of the battery's state-of-health. The conductance-based diagnostics provided by all Franklin Electric Grid Solutions equipment delivers a highly accurate and reliable predictor of the battery's end of life. Conductance testing is a quick, safe, accurate and easy way to determine a battery's relative condition or state-of-health.







**CELLTRON**



**CELLGUARD**



**CELLTRAQ**



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