



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



**CELLTRON S ADVANTAGE**  
*DIGITAL*

**BATTERY TESTER**



SCAN FOR VIDEO

# CELLTRON ADVANTAGE DIGITAL

The CELLTRON™ Advantage Digital is a fast, user-friendly, premium handheld tester for measuring battery conductance, voltage, temperature and strap resistance in high-noise environments for a complete battery state-of-health analysis.

## A COMPREHENSIVE BATTERY TESTING TOOL

With this lightweight handheld tester, users can quickly conduct a full battery performance assessment that can be uploaded wirelessly to the web-based UNITE™ database for centralized data storage, proactive maintenance planning, and compliance reporting.



### ACCURATE CONDUCTANCE TESTING

The conductance-based diagnostics provided by the CELLTRON™ Advantage Digital delivers a highly accurate and reliable predictor of the battery's end of life.



### DIGITAL SIGNAL FILTERING

Cleaner, more precise battery state-of-health measurements are achieved through new "Edge Rejection" technology which filters out anomalies that can corrupt battery signal readings at both the beginning and end of each sample signal.



### SUPERIOR HARDWARE

Dual microprocessor signal filtering, integrated IR temperature measurement, built-in Wi-fi, USB communication port, and interchangeable light-up probe and clamp testing interfaces.



### FASTER TESTING TIMES

Testing is carried out in a matter of seconds simply by connecting the two test leads (either by clamp or probe) to the battery's positive and negative posts.



### LONG-LASTING

An on-board battery pack is designed and tested for a full day of testing with 8 hours of service life per charge. The battery pack can be recharged directly through the tester or with a desktop charger.



### HIGH NOISE IMMUNITY

The powerful dual-microprocessor architecture allows the tester to stand up to the high noise environments caused by UPS/battery systems and constant power supply switching (notorious for causing testers to fail).



### WIRELESS COMMUNICATION

Built-in Wi-fi enables tester data to quickly and wirelessly be transmitted to and from the tester with no additional cards, cords, or hardware required. Users can pre-program battery string configuration details on their laptop and wirelessly upload to the tester.



### DEVICE & USER PROTECTION

A fast-acting protection relay responds in milliseconds when a signal input in excess of 23.3 volts is introduced through the testing probes, providing instant protection to both the device and the user.



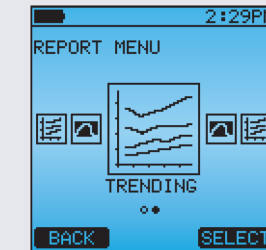
### REMOTE BATTERY MANAGEMENT

The web-based UNITE™ software is a sophisticated database with advanced data visualization tools that accommodates Franklin's portfolio of industrial IoT devices. It enables users to wirelessly pre-program site string details, export the details to the tester, and upload battery test for analysis and reporting.



## HIGHLY CAPABLE

Conduct a variety of battery testing types, remotely configure the tester to your specifications, and manage and transfer data using the LCD screen, touch pad, and Wi-fi capability.



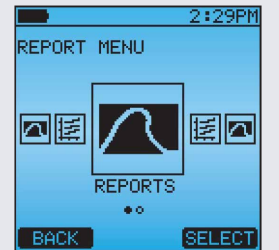
**SITE TRENDING**  
Effective trend analysis including test comparisons in one screen.



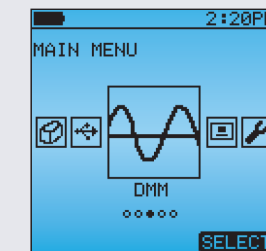
**GENERATOR START**  
Test the state of health of generator starting batteries.



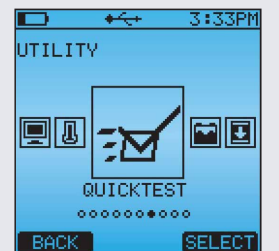
**BATTERY MANAGER**  
Select from a library of pre-loaded battery manufacturers and types.



**REPORTS**  
Generate reports for individual battery string results.



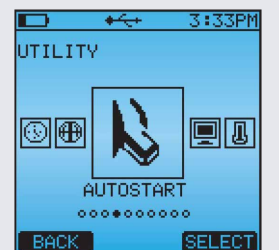
**DIGITAL MULTIMETER**  
Accurately measure a battery's DC voltage.



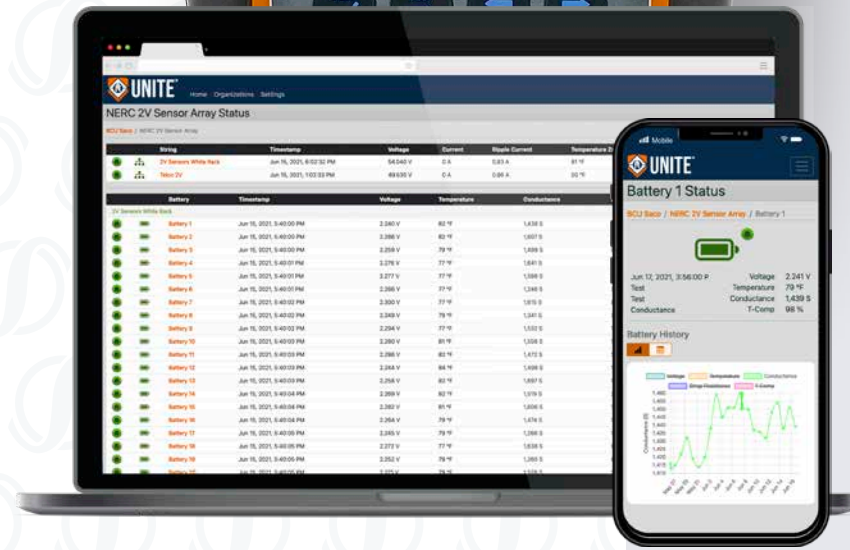
**QUICK TEST**  
Start a test on a single cell or monoblock without setting up a site.



**FAVORITE SETUP**  
Set up favorites for quick access.



**AUTOSTART**  
Set the tester to activate a test process on contact.





## INCLUDED IN THE KIT

Each kit comes complete with everything needed for testing, packaged in a ballistic nylon backpack with customized inserts fitted for the tester and accessories for easy transportation.

