

BATTERY TESTING COMPARISON

Make the Switch to Smarter Battery Testing

If you're still relying on a multimeter for battery maintenance, you could be missing hidden issues that lead to unexpected failures. The CELLTRON™ Advantage Digital provides a comprehensive, faster, and more accurate way to test batteries – helping ensure system reliability while supporting compliance with NERC and NFPA battery maintenance standards.

FEATURE / BENEFIT	CELLTRON™ Advantage Digital Handheld Battery Tester	Standard Handheld Multimeter
Testing Capability	Conductance testing for full battery health assessment (Ohmic Measurement, State of Charge, Intercell Connection Measurement)	Voltage-only measurement
Speed & Efficiency	One-touch testing with instant pass/fail	Manual setup required for each reading
Accuracy	Advanced diagnostics detect hidden battery issues	Limited data requiring manual calculations for deeper insights
Data Management	Stores, analyzes, and wirelessly transfers test data	No built-in storage, requires manual logging
User-Friendliness	Designed for battery professionals with clear on-screen guidance	General-purpose tool, requiring knowledge for interpretation
Durability	Rugged, field-ready design built for battery maintenance	Not specialized for battery testing conditions
Best For	Preventative maintenance, reducing unexpected failures and downtime	Basic voltage checks with no predictive insights
Full Battery Health Analysis	✓	✗
Internal Ohmic Testing	✓	✗
State of Charge Testing	✓	✗
Intercell Connection Testing	✓	✗
Instant Pass/Fail Diagnostics	✓	✗
One-Touch Testing	✓	✗
Automated Data Storage & Reporting	✓	✗
Wireless Data Transfer	✓	✗
Customizable Test Parameters	✓	✗
Designed for Battery Professionals	✓	✗
Reduces Human Error	✓	✗
Identifies Hidden Battery Issues	✓	✗
Helps Prevent Unexpected Failures	✓	✗
Rugged, Field-Ready Design	✓	✗
Built-In Guidance for Users	✓	✗

When it comes to battery testing, using the right tool makes all the difference. Many technicians rely on standard handheld multimeters to check voltage, but these devices provide only a basic snapshot of a battery's condition.

The CELLTRON™ Advantage Digital goes far beyond simple voltage readings, delivering a comprehensive battery health analysis that helps prevent failures before they happen.