

# Gain an Advantage



## CELLTRON ADVANTAGE

### Modular Battery Analysis System

Battery management and testing are critical for maintaining power integrity for telecom networks, data centers, utility transmission and distribution systems. The demand placed on these systems has increased dramatically in the past decade. Service providers, operations and maintenance teams need to gain an advantage over this mounting responsibility. The **CELLTRON ADVANTAGE** system provides a user-customizable, flexible, efficient and economical tool to take on this critical task.

#### Features complete software modularity/add-ons for just what is needed to get the job done:

- Base unit provides battery Conductance (state of health assessment), voltage and integrated temperature measurement
- Custom modules available to meet battery program needs :
  - Decision/Algorithm that provides estimated Ampere Hours by battery jar
  - Guided test interface to simplify technician interaction
  - Integrated site trending capability
  - Multimeter functionality
  - Discharge test manager: increase automation and accuracy of discharge test
  - Generator starting battery test



#### All system levels offer these advantages :

- Highly efficient test process: 50% reduction in test time from other battery analyzers.
- Less invasive testing approach reduces battery discharge, voltage measurement skew and allows for more tests on a single internal battery without recharge.
- Full compatibility with Midtronics **CELLTRAQ** Battery Data Management System for simple and efficient data tracking, reporting and decision making; data transfer via USB Field software updates, including module add-ons.
- Interchangeable test interfaces for technician ease of use and lower maintenance cost
- Integrated battery temperature measurement
- Integrated lighted test interfaces
- Test continuity/accuracy indication on test interfaces
- USB data connection and storage compatible
- On board battery pack to support test time of 6-8 hours



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### Application compatibility:

- Telecom/DC Plants online
- All UPS applications
- Battery voltages down to 1 volt
- Field software updates, including module add-ons

### Modular Compatibility with Midtronics *SMART CABLE* System™

- RFID interface with batteries to capture system setup and store and update battery test parameter history on site
- Drives initiation of advanced AH algorithm when *SMART CABLE* is utilized

### Kit Configurations

- **Gold Kit**
  - o Tester
  - o Standard Mode Testing
  - o In-unit trending
  - o Guided Test Interface /AH Test algorithm
  - o Probeandcable
  - o Multimeter
  - o Discharge Manager
  - o Probes, clamps and cable
  - o USBCable
  - o USB Drive for Excel Data Transfer
  - o BatteryPack(2)
  - o Case
- **Silver Kit**
  - o Tester
  - o Standard Mode Testing
  - o Multimeter
  - o Probeandcable
  - o USB Drive for Excel Data Transfer
  - o BatteryPack(2)
  - o Case
- **Bronze Kit**
  - o Tester
  - o Standard Mode Testing
  - o Probeandcable
  - o USB Drive for Excel Data Transfer
  - o BatteryPack(1)
  - o Case

**MIDTRONICS**



Stationary Power

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