



# UNIVERSAL BATTERY TESTER

Battery Testing and Charging System



Tests and charges Aris 2- or 3-Cell battery using blind entry adapter



Tests 192 batteries at once.  
Stacks up to 16 chassis in a 19" standard rack.  
Fully scalable.

- **Designed for:**
  - EMTA battery charging and testing
  - EMTA replacement program for faulty or aging batteries
- **Three modes of operation:**
  - Full test (includes charge, discharge, and linearity test)
  - Charge only
  - Discharge only
- **Plots minute by minute charging report for power storage and linearity test**
- **Provides current and voltage curve during charging and linearity test**
- **Tests power drain linearity of the fully charged battery**
- **2-, 3-, and 4-cell testing**
- **Networked chassis using 16-port switch**
- **System server:**
  - Interfaces with switch using ethernet cable
  - Preinstalled with test software and data base
  - Definable test parameters with password protection



Tests and charges Aris, Motorola, or SA 3-Cell batteries

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## Battery Testing and Charging System

### ADVANCED FEATURES

- *Designed for EMTA battery life expectancy testing.*
- *Cost effective and reliable solution for testing Li-Ion battery packs.*
- *Switch mode topology is utilized to optimize battery charging technique.*
- *Charge profile for EMTA battery pack consists of four stages.*
  1. *Trickle charge of deeply depleted cells*
  2. *Constant Current (C-C) charging*
  3. *Constant Voltage (C-V) charging*
  4. *Charge termination*
- *Universal testing of 2-cell (Arris), 3-cell (Arris, Motorola and Cisco) and 4-cell (Arris) battery packs.*
- *System server comes with test software and database preinstalled for recording minute-by-minute information during battery testing including charging report for power storage and life expectancy test for each battery.*
- *Forms the basis for a faulty and aging battery replacement program.*
- *Major test parameters are user definable and password protected.*
- *Battery tester chassis supports 12 battery testing.*
- *Each server supports a rack with 16 chassis and is capable of testing 192 batteries.*
- *Multiple chassis are networked via Ethernet switch.*
- *User definable low voltage cut-off override is offered during discharge operation.*
- *Automatic charging termination of individual battery if the cell temperature is outside specified window.*
- *Includes two fans in each chassis for optimum cooling during operation.*

*Call*  
**+1.800.306.8948**  
*for more information*



Specifications subject to change without notice.  
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