



The Powerful Advantage

Since 1945

La MARCHÉ

ISO 9001:2015 CERTIFIED

RH-3 SERIES

ELECTRONIC BATTERY TESTER



The La Marche RH-3 Battery Tester is an electronic battery capacity tester that measures Amp-Hours and battery performance under controlled test conditions. The RH-3 can be operated in several test modes, which provide the flexibility to test each battery according to its own ratings or an application's requirements.

The advanced settings on the RH-3 Battery Tester provide the capability to perform multiple charge/discharge cycles on the battery while a battery charger is connected to the system. The RH-3 configurations and data logging capabilities allow the user to save files for several batteries identified by a designated ID number. The detailed charging and discharging parameters assist the user in determining the health and condition of the battery. The data log files are easily accessible through the front panel USB port.

Standard Features

Capacity Measurement

Monitors the battery's voltage, discharge current and Amp-Hrs drawn as it measures the time it takes to discharge the battery under specific load

Wide Operating Range

Accommodates a wide range of battery voltages (10V-60V)

Dual Test Modes

Tests the battery with either a Constant Current (CC) or Constant Power (CP) loads

Selectable Test Termination Modes

Battery End Voltage, Elapsed Time or Maximum Amp-Hrs drawn

Multiple Battery Test Cycles

Automatically initiates battery tests after fully charged

Data Logging

Maintains a CSV log file for each battery, which keeps track of charge and discharge cycles

Self-Powered

Powered from the battery being tested (no connection to AC power grid)

Specifications subject to change without notice

P25-DSRH3-1
ECN 21794
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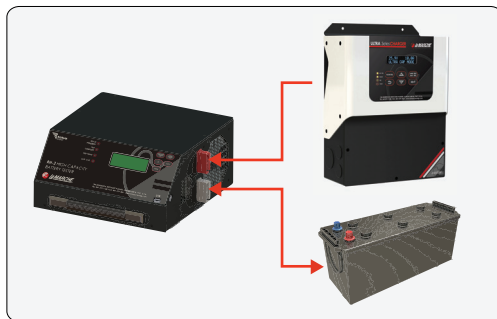
www.lamarchemfg.com



Specifications

Input Voltage Range	10V - 60V
Test Modes	Constant Current Constant Power
Termination Condition	End of Voltage Maximum Amp Hour Drawn Elapsed Time
Max. Discharge Current	50A
Max. Discharge Power	500W
Discharge / Charge Parameters	Voltage Voltage % Current Amp-Hrs Power Watt-Hrs Temperature Elapsed Time
Data Logging	Up to 99 Battery Log Files
FAN Operation Based on Thermal Sensing	Yes
Protection	Battery Over Voltage Thermal Shutdown Internal Device Failure Shutdown
Internal Memory	Up to 2GB
External Port	USB
User Interface	LCD Display and LED Indicators
Operating Temperature	0 - 40°C (32 - 104°F)

Diagram



Front Display

