

# VALEN RE 856 BATTERY TESTER

## BT11015

- When a complete system shutdown is not an option, the Valen RE856 Battery Impedance Meter will test a range of batteries without the need to disconnect them.
- The Valen RE856 is the ideal solution for regular battery maintenance inspections.
- The RE856 can be used across many industries, including high voltage systems, UPS, telecommunications and emergency backup applications.
- Featuring easily programmable software, that can be adapted to suit your battery systems, the Valen RE856 has become the economical battery impedance meter of choice.
- A built-in comparator stores up to 99 sets of various battery types for testing and analysis.
- The Valen RE856 has a USB interface and a micro SD card allowing the user to store unlimited readings.





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## BATTERY TESTER SPECIFICATIONS

### Specifications

<b>Battery Types</b>	VRLA, Alkaline, Ni-Cd, Li-Ion and Ni-MH
<b>Resistance</b>	Range: 4mΩ, 40mΩ, 400mΩ, 4Ω, 40Ω, 400Ω Resolution: 1uΩ, 10uΩ, 100uΩ, 1mΩ, 10mΩ, 100mΩ Accuracy: ±(3% reading +20 digits) on 4mΩ ±(0.8% reading + 6 digits) on 4mΩ other ranges
<b>Measurement</b>	Current: 40mA, 4mA, 400mA, 40mA, 4mA
<b>Condition</b>	Frequency: 1KHz ±30Hz
<b>DC Voltage</b>	Range: 6V, 60V Resistance: 1mV, 10mV Accuracy: ±(0.1%rdg±6 digits)
<b>DC Current</b>	Range: 600A Resistance: 0.1A Accuracy: 600A ±(2%rdg, +2 digits)
<b>Open Circuit Voltage</b>	5V max.
<b>Memory</b>	999 data sets
<b>Auto Datalogging</b>	Micro SD card
<b>Comparator</b>	Setting: resistance upper and lower limits and voltage threshold limit Memory: 99 sets of values
<b>Max. Input Voltage</b>	60VDC
<b>Power Supply or AC Adaptor</b>	Six AA size 1.5V alkaline batteries
<b>Battery Life</b>	5.5 hours
<b>Dimensions</b>	198(L) x 94(W) x 49(H)
<b>Weight</b>	530g including batteries

### Features

- An ideal solution for when a complete system shut down is not an option
- Accurately tests a wide range of batteries without the need for disconnecting them from the system
- Tests any battery between 1.5V and 24V with capacities up to 1200Ah, including SLA, Alkaline, Ni-Cd, Li-Ion and Ni-MH
- The advanced software for the Valen RE856 allows the user to edit and send comparator settings, download data to a spreadsheet and obtain comprehensive graphs
- Instantaneous battery impedance results from the Valen RE856 saves the user time on site
- Simultaneously measures open-circuit voltage, internal resistance, current, terminal temperature and Ah capacity whilst the battery is still connected and operating
- Load test analysis function for measuring current under load conditions
- Built-in comparator for storing up to 99 sets of battery types
- USB computer interface a micro SD memory card to store unlimited readings
- Four-terminal test probe allows simultaneous measurement of battery voltage and internal resistance
- Heavy-duty croc-clip test lead for testing
- The flexibility of the design means the Valen RE856 can test a large range of different voltages and battery technologies
- Data logging function of up to 4800 data sets allows the user to monitor the battery condition over time and prevents unplanned battery failure
- Optional Valen RE856 unique probes and extra clamps allow for flexibility in battery testing

Specifications subject to change without notice.