

ET8734 Vehicle Battery Tester

Description:

This battery tester is designed to test the condition of the automotive battery using conductance method. Unlike the conventional method of draining the battery by applying resistance load to it and obtain the result from the meter gauge, this analyser utilises a series of pulsed voltage across the battery cells and observes the AC current that flows in response to it.

The benefits of this test method are:

Conductance correlates directly to the battery capacity

Passive testing method is safe.

Never discharges or drain the battery.

Able to test condition of discharged battery.

Consistent and repeatable results.

Provides unique indication of battery conditions.

Besides, this analyser also checks the

alternator's charging and starter's cranking conditions.

It is maintenance free with no internal batteries required.

It powers up when connected to the battery posts during testing.



Key Features:

1. Test 12V lithium ion and Lead Acid batteries for vehicle and motorcycle
2. Accurate results in milliseconds
3. Battery Life Analysis vehicle and scooters
4. Analysis Result : Good or Replace
5. Large easy to read LCD display.
6. Test results based on JIS, EN, DIN, SAE and IEC Standards.
7. Languages: English, French, Dutch, Spanish and Germany.
8. vehicle cranking system test--- cranking time, voltage and status.
9. vehicle charging system test—load voltage, unloaded voltage, ripple status and charging system status.
10. Store the testing result,
11. print function via PC printer

Functionality:

Test Result: Good or Replace

Capacity - Cold Cranking Amps (CCA), DIN, EN and IEC information relative to battery rating.

Internal resistance value (mΩ) / Life in percentage (%) / Cranking system / Charging system

Application:

Use to test a wide range of 12V batteries (Starting [SLI], Deep Cycled and Marine) of Wet (Flooded), VRLA or Maintenance Free (MF), Sealed Maintenance Free (SMF), Absorption Glass Mat (AGM) and GEL cell. Lithium ion batteries, The major battery standards JIS, SAE, EN, DIN and IEC are supported.

Operating Parameters:

System voltage: 12 Volts, Input voltage range: 9V~15V

Power requirements: No internal batteries required. Power on when hooked up during testing.

Testing range:

Lithium ion—CCA/BCI/CA/MCA/ EN/SEA—20-1000, DIN/IEC—20-700, GB—2-120 Ah

Lead Acid—CCA/BCI/CA/MCA/ EN/SEA—20-2000, DIN/IEC—20-1400, GB—2-220 Ah

Scooter battery testing range

Measure Standard	Measure Range
CCA	20-1000
BCI	20-1000
CA	20-1000
MCA	20-1000
JIS	26A17—150F51
DIN	20-700
IEC	20-700
EN	20-1000
SAE	20-1000
GB	2-120

Vehicle battery testing range

Measure Standard	Measure Range
CCA	100-2000
BCI	100-2000
CA	100-2000
MCA	100-2000
JIS	26A17--245H52
DIN	100-1400
IEC	100-1400
EN	100-2000
SAE	100-2000
GB	30-220