

# ET0055A 12V Bluetooth Battery Tester

## Description:

This battery tester is designed to test the condition of the automotive battery using the conductance method.. Unlike the conventional method of draining the battery by applying resistance load to it and obtaining the result from the meter gauge; this analyser utilises a series of pulsed voltages 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 drains the battery.

Able to test condition of discharged battery.

Consistent and repeatable results.

Provides unique indication of battery condition.

This analyser also checks the alternator's charging and starter's cranking conditions. It is maintenance free and no internal batteries are required. It powers up when connected to the battery posts during testing.



## Key Features:

1. Simple and easy to use
2. Test batteries on and off the vehicle
3. Accurate results in milliseconds
4. Battery Life Analysis
5. Analysis Result : Good or Replace
6. Large easy to read LCD display.
7. Test results based on JIS, EN, DIN, CCA , BCI , CA , MCA, GB ,SAE and IEC Standards.
8. Languages: English,
9. Vehicle cranking system test--- cranking time, voltage and status.
10. Vehicle charging system test—load voltage, unloaded voltage, ripple status and charging system status.
11. Protection of short-circuit and reverse polarity.
12. Operates by mobile via Bluetooth 4.0 under APP MODE, available for iPhone and Android.



### 12. App function:

- Multi battery management
- Review all battery data on mobile phone
- Test battery internal resistance, CCA, voltage, health, charge.
- Analysis result: Good battery, Good recharge, Charge retest, replace, bad cell, replace.
- Available for Cranking and charging system test.
- Share the testing result to the printer, facebook, email and picture.

## 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. 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: 100 ~ 2000 CCA, 100 ~ 1400 DIN, 100 ~ 1400 IEC, 100 ~ 2000 EN

AH range: 30-220AH

**Product:** 12.8\*8\*3CM

**Weight:** 0.5kg.

## Accessories Included

1. User's Manual (Instructions on tool operations)

## App name: BA200

Both available for Android (Google play) and iPhone(App store)

