



Battery Analyzer

User Manual

Model: BT60



1.Product Introduction:

BT60 Battery Analyzer works with all 6V, 12V, 24V car, motorcycle, and truck batteries.

The battery analyzer can effectively analyze and read important battery data such as voltage, internal resistance, cold cranking amps, battery health, and charging status. It can help to find the battery problem quickly and accurately to properly diagnose the vehicle.

Test battery include Regular Flooded battery, AGM Flat plate battery, AGM Spiral battery, GEL battery and EFB battery, etc.

The tool supports multiple language options, you can Find Tool Setup, then select the language you prefer.

2. Technical Parameters

Voltage Measurement Range: 5-36V

3 . Buttons

1. ESC : Exit
2. F1 : Quick Enter Real Time Waveform
3. ▲ : Up
4. ▼ : Down
5. ► : Right
6. ◀ : Left
7. OK: Enter
- 8.

Test Battery Result	LED Light on
Good	
Good-Recharge	
Bad Cell or Replace	
Charge-Retest	

When exit from the test interface, above LED lights will turn off.

4. Features

1. Work for 5-36V
2. Work for Car, Motorcycle, and Truck
3. Test Result: Good, Good-Recharge, Replace, Bad Cell, Charge-Retest
4. Check Battery Capacity: CCA, IEC, EN, DIN etc.
5. Internal Resistance Value ($m\Omega$)
6. Display Battery Life in Percentage (%)
7. Cranking Test: support 12V and 24V
8. Charging Test: support 12V and 24V
9. Real Time Waveform

5. Install and Use

Installation: Connect the red clip to the positive (+) terminal and the black clip to the negative (-) terminal.

Before testing the battery, two clips are required to connect the battery terminals firmly. If the clips cannot be connected to the terminals, you can try to test on the vehicle jumper port, but the measured data may be lower than the actual value.

PLEASE NOTE: The performance of the starting and charging system depends on the health of the battery. It is necessary to check the starting and charging system after confirming that the battery is in good performance and fully charged.

Set Battery Rating

Press ▲ or ▼ button to increase or decrease battery rating value.

Tips: Long press up or down button can quickly increase or decrease.

Measurement Standard	Measurement Range
CCA	100-2000
IEC	100-1400
EN	100-2000
DIN	100-1400
CA	100-2000
BCI	100-2000
MCA	100-2000
SAE	100-2000
JIS	26A17-245H52

After set the battery rating, press OK button to check battery status.

Battery Test Result	Description
Good Battery	The battery is good.
Good-Recharge	Good battery but low current, recharge before using. Note: If the battery is not fully charged before retesting, it may result in error readings. If display again after charging, test again after charging, please replace the battery.
Replace	Replace battery
Bad cell	Battery is damaged, bad cell or short circuit, replace battery
Charge-Retest	Unstable battery should be recharged and retest to avoid error. If same test result appears after recharge and retest, the battery is damaged, replace the battery