

## BA108 Battery Tester/Analyzer



### Description:

This Battery Analyzer 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 analyzer utilizes 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.

It is maintenance free and no internal batteries required.

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

### Key Features:

1. Simple and easy to use for lead acid battery
2. Test batteries on and off the vehicle
3. LED display will turn on and show the voltage of the battery
4. Battery life analysis via LED light (Red—replace, yellow—weak, blue-- good)
5. Control buttons : commands to select & save the battery cranking amperage.
6. Large easy to read LED display and light.
7. Test results based on (CCA), CA, MCA, BCI, JIS, SAE, GB, DIN, EN and IEC Standards.
8. Test the cranking and charging systems (Alternator diagnostic).

### 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/CA/MCA/BCI, 100 ~ 1400 DIN/IEC, 100 ~ 2000 EN/JIS/SAE, 30-220 Ah

### Specifications:

Display: LED display.

Operating Temperature: 0 to 50C (32 to 122 F). Storage Temperature: -20 to 70C (-4 to 158 F). Power: 8 to 16 Volts provided via vehicle battery.