

Simple operation instructions for automobile battery tester

One、Product description

1、The scope of work:

Range	international standard
100--2000	CCA
100--1400	DIN
100--2000	EN
100-1400	IEC
100-2000	SAE
26A17--245H52	JIS
30-200AH	GB
Battery test	-----
Starting system test	-----
Charging system test	-----

2. APPLICATIONS: 12V start up Lead acid battery and 12V vehicle systems, batteries, testing, general batteries, AGM flat batteries, Agm Coil Batteries, Gel batteries, EFB coil batteries.

3、 Measure the range of battery: 30AH-200AH

4、 Measurement of voltage range: 7-16V

5、 Working temperature: -20 C to 50 C.

6、 special test clip: Double conductor Kelvin clip.

7、 shell material: acid resistant ABS plastic.

8、 the warranty period of one year, life-long maintenance.

• Then press the OK key to start the test.

Life 25%	Electric quantity 66%
actual measurement 12.40V	340A
internal resistance 8.78mΩ	
Please replace the battery	

For internal resistance, the smaller the internal resistance, the healthier the same battery. The better the state (except for short circuit), the internal resistance can be used as battery. It can be referenced by a certain standard of state judgment

Tip: for deep deficit batteries (such as vehicles for long shelving, The battery was not charged in time; the lights and doors were forgotten to turn off the battery. If the pool is badly damaged, it cannot start the vehicle, etc., during the actual detection process. It may also suggest "replace batteries" for such electricity. Pool users first consult the battery manufacturer, according to the manufacturer's charge. The method was tested after charging and recharging.

(2) Starting system test

After startup, press the tester to select second startup system tests. After the test, press the OK key. High starting voltage is usually high 9.6V is normal, and lower than 9.6V is abnormal.

Start the system test results
Starting time 828ms
Starting voltage Low
8.56V

Two、 Operation steps

1. Clamp the tester's red black clip onto the batter yunder test. The tester display screen will display the opening interface. Measured battery voltage Below 7.0V, it can not be tested normally; press OK key to continue. Continue. 2, according to the tester's prompt, press the up and down keys to choose in turn.

① Battery test ② Starting system test ③ Charging system test
④ Look at the test results ⑤ Print test results ⑥ Language selection

(1) Battery test

After selecting the first battery test, press OK button and then prompt:

• Input standard selection: refers to the battery factory labeling standard, in the battery. You can see it directly or directly ahead. Select the label on the battery. Standards can be used, such as CCA, BCI, DIN and so on. If I didn't find anything Standard, you can choose the GB standard and enter the Ah value test directly. choose The selection of GB standards will have a small amount of error.

Rated capacity selection: refers to the battery starting current standard. It can be seen at the top of the battery or in front of it

(3) Charging system test

After entering the third charging system test function, press the OK key to test.

Load voltage 13.78V
No-load voltage 14.07V
Two stage tube ripple 30mV
Charging voltage is normal

(4) Look at the test results

After entering the fourth function, press the OK key to view the last time. Test results.

(5) Print test results

The last test result can be exported through the data line connection. And print through the printer.

Note: if you want to use this function, please download the HL-340 driver and string. The mouth debug assistant V2.1.

(6) Language selection

After selecting the sixth language selection functions, you can choose the upper and lower keys. It contains Chinese and English, and the factory acquiescence Chinese, according to customer needs. Customize the different language packages.