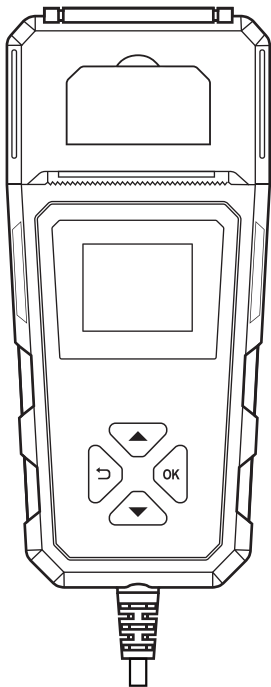


# User Manual



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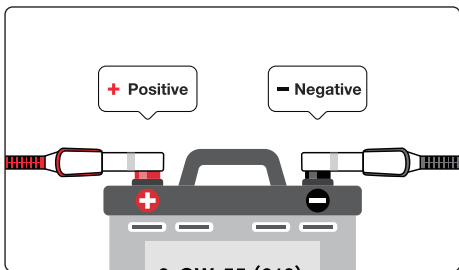
## Precautions and Safety Measures

This manual includes instructions for using the equipment and safety guidelines. Failure to follow these guidelines may damage the equipment. This device is designed and manufactured according to our company's standards.

- 1) Battery terminals and accessories may contain hazardous substances. Clean with water if they come into contact with chemicals.
- 2) Batteries are hazardous and can cause burns or explosions.
- 3) Do not use or store this device in high-temperature, high-humidity, flammable, or explosive environments.
- 4) Check that the test clamp insulation is intact before use. Use with caution!
- 5) If the instrument shows signs of malfunction (e.g., damage, deformation, leakage, incomplete display), do not continue to use it.
- 6) Avoid touching the test clip during measurement to prevent electric shock.
- 7) Do not modify the internal wiring or connection method of the device to avoid damage and ensure safety.
- 8) Wear goggles when testing or repairing a car to prevent foreign objects from entering your eyes.
- 9) Operate and maintain the car in a well-ventilated environment to avoid inhaling toxic gases.
- 10) Do not place the testing equipment near the engine or exhaust pipe when the car engine is running to avoid high-temperature damage.
- 11) Follow the manufacturer's warnings, precautions, and maintenance procedures during car maintenance.
- 12) This device does not contain an internal battery; it is powered by the tested battery.

# 1. Battery Testing Procedure

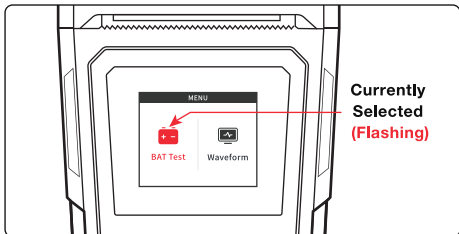
## Step 1: Connect the Battery






### Notes:

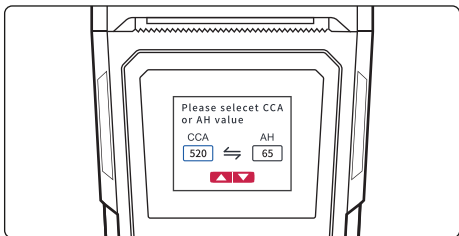
- 1 Text Flashes.** (Clamps are not properly connected, please reconnect)
- 2 Reverse Polarity Protection.** (Even if the positive and negative terminals are connected incorrectly, the device and battery will not be damaged)




## Step 2: Select Battery Type



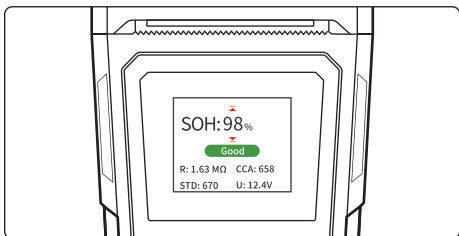
Press   keys to select the test type, and press the  key to proceed to the next step.




### Step 3: Enter CCA





Press   keys briefly or hold them down to increment or decrement the values. Then, press the  key to complete the test (CCA and AH values will be automatically converted; if they do not match, the AH value will not be displayed).




### Step 4: View Test Results (Print Function)



Press   keys to view other test results. Press and hold  key to reselect the battery type for testing. A short press on

 key returns to the previous level (**press the  key to print the test results**).

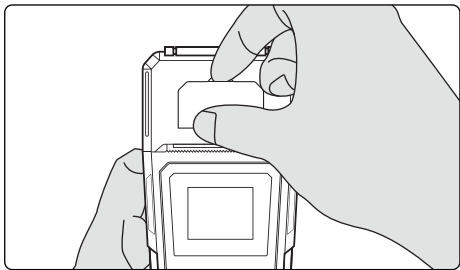
## Instructions

-  **Good:** The battery condition is good, and it can be used with confidence.
-  **Normal:** The battery condition is average, and it can continue to be used.
-  **Poor:** The battery condition is poor, and it should be replaced as soon as possible.)

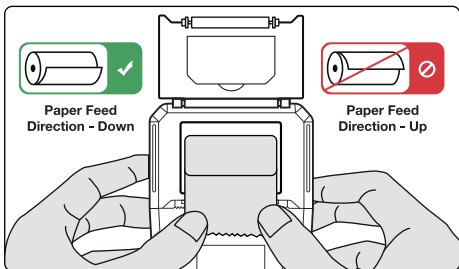
Abbr	Name
SOH	State of Health (Battery Health)
SOC	State of Charge (Battery Charge Level)
R	Internal Resistance (Internal Resistance Value)
VOL	Voltage (Battery Voltage)

## 2. Thermal Paper Installation Procedure

**Step 1: Open the Top Printer Cover.**

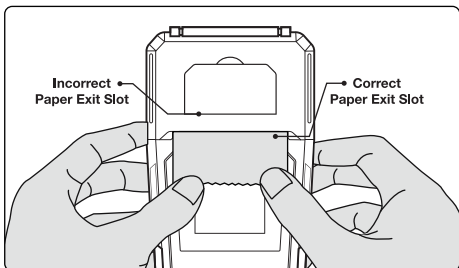


## Step 2: Properly Place the Thermal Paper



When placing the thermal paper, ensure that the paper feed direction is downward (as shown in the diagram).

## Step 3: Close the Printer Cover to Start Printing



Note: Before printing, ensure that the thermal paper is correctly positioned in the paper exit slot. Otherwise, the device will not be able to print properly.

### 3. Product Parameters

Project	Description
Product Name	Battery Tester
Product Size	7.32 x 3.31 x 1.73 inch
Display Screen	1.8-inch HD Color Screen
Test Range	6V / 12V / 24V
Connection Method	P-N Alligator Clips
Operating Voltage	4.9V ~ 32V
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C)

### 4. Warranty and Service

Hello! Thank you for purchasing our product. To better serve you, please read and fill out this warranty card carefully and keep it for future reference.

<b>Name</b>		<b>Email</b>	
<b>Purchase Date</b>		<b>Phone</b>	
<b>Order Number</b>		<b>Product Name</b>	
<b>Address</b>			
<b>Repair Records</b>	<b>Date</b>	<b>Cause of Failure and Solution Method</b>	

#### \* Warranty Statement

If the product has any quality issues that require repair, please return this warranty card along with the purchased product to us for after-sales service.



# Manufacturer

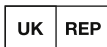
OBDResource Electronics Co., Ltd

Email: info@obdresource.com

Tel: +86-755-29071623

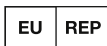
Web: www.obdresource.cn

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