



[Manuals.plus](#) /

› [Konnwei](#) /

› KONNWEI KW208 12V Car Battery Tester User Manual

## Konnwei KW208

# KONNWEI KW208 12V Car Battery Tester User Manual

Model: KW208 | Brand: Konnwei

## 1. INTRODUCTION AND OVERVIEW

The KONNWEI KW208 is a professional 12V car battery tester designed for comprehensive analysis of automotive batteries and related systems. This device provides accurate readings for various battery types and helps diagnose issues with cranking and charging systems. It is suitable for use with cars, trucks, marine vehicles, and motorcycles.



Image 1: The KONNWEI KW208 12V Battery Tester displaying its various test functions.

## 2. KEY FEATURES

- **Reliable Battery Analysis:** The KW208 supports testing of all 12V battery types (100-2000 CCA), including regular flooded, AGM flat plate, AGM spiral, and gel batteries. It provides an overall analysis of battery health, helping users anticipate battery failure.
- **Enhanced Accuracy:** Featuring updated galvanized alloy battery clips, the KW208 ensures enhanced durability and a more secure connection for accurate testing. The fully enclosed material significantly improves testing accuracy to over 99.7%.
- **Comprehensive Parameters:** This 12V battery load tester provides reliable parameters such as voltage, internal resistance, Cold Cranking Amps (CCA), Amp-hour (AH) capacity, battery health, and charge status. The device also offers professional advice on whether to replace or recharge the battery.
- **Plug-and-Play Operation:** The KW208 offers straightforward plug-and-play functionality, allowing for battery testing both in-vehicle and out-of-vehicle. Simply connect the tester's clips to the battery, and the device powers on, ready to test and analyze.

- **Starter and Alternator Testing:** In addition to battery testing, the KW208 also functions as a starter and alternator tester, evaluating the alternator's charging performance and the starter's cranking condition. The device supports up to 8 languages for user convenience.

# MORE ACCURATE WITH UPGRADED ACCESSORY

≥99.7%  
ACCURACY

KONNWEI  
Main Menu 1/4  
1. Check  
2. Review  
3. Setup  
4. About  
12.39V  
KW208

EXIT ENTER

Galvanized Alloy Double Cord Reverse Protection Smart Chip

Image 2: Features contributing to the KW208's accuracy and reliability.

### 3. SETUP

1. **Unpacking:** Carefully remove the KW208 battery tester and its accessories from the packaging. Verify that all components, including the main unit and user manual, are present.
2. **Connecting to Battery:** Ensure the vehicle's ignition is off. Connect the red clamp of the KW208 to the positive (+) terminal of the 12V battery. Connect the black clamp to the negative (-) terminal of the 12V battery. The device will power on automatically.
3. **Initial Screen:** Once powered on, the device will display the main menu. Use the 'UP' and 'DOWN' arrow buttons to navigate through the menu options.

# EASY TO USE

## Out-of-Vehicle

## In-Vehicle

Image 3: The KW208 can be used for both in-vehicle and out-of-vehicle battery testing.

## 4. OPERATING INSTRUCTIONS

### 4.1. Battery Test

1. From the main menu, select 'Battery Test' and press 'ENTER'.
2. Select the battery type (e.g., Flooded, AGM, Gel) and the CCA rating of your battery. This information is usually printed on the battery label.
3. Press 'ENTER' to start the test. The device will display results including voltage, internal resistance, CCA, SOH (State of Health), and SOC (State of Charge).
4. The device will provide a recommendation (e.g., 'Good Battery', 'Recharge', 'Replace').

### 4.2. Cranking Test

1. From the main menu, select 'Cranking Test' and press 'ENTER'.
2. Follow the on-screen prompts to start the vehicle's engine. The tester will monitor the battery voltage during

cranking.

3. The results will indicate the cranking voltage and provide an assessment of the starter system's performance.

### 4.3. Charging System Test (Alternator Test)

1. From the main menu, select 'Charging Test' or 'Alternator Test' and press 'ENTER'.
2. Start the vehicle's engine and let it idle. The tester will measure the alternator's output voltage.
3. Follow any additional on-screen instructions, such as increasing engine RPM. The results will indicate if the charging system is functioning correctly.



Image 4: The KW208 performing a battery test, cranking test, and charging test.

### 4.4. Language Settings

The KW208 supports up to 8 languages. To change the language, navigate to the 'Settings' or 'Language' option in the main menu and select your preferred language.

### 4.5. Video Demonstration

Your browser does not support the video tag.

Video 1: A demonstration of a 12V battery checker performing diagnosis, voltage, resistance, and CCA measurements. This video illustrates the general functionality of a battery tester similar to the KW208.

## 5. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the KW208 in a dry, cool place away from direct sunlight and extreme temperatures.
- **Cable Care:** Inspect the test cables and clamps regularly for any signs of damage. Replace if necessary to ensure accurate readings and safe operation.
- **Software Updates:** Check the manufacturer's website periodically for any available software updates for your device.

## 6. TROUBLESHOOTING

- **Device Not Powering On:** Ensure the clamps are securely connected to the correct battery terminals (red to positive, black to negative). Verify the battery has sufficient charge to power the device.
- **Inaccurate Readings:** Ensure the battery terminals are clean and free of corrosion. Confirm that the correct battery type and CCA rating have been entered into the device. Allow the battery to stabilize if it has recently been charged or discharged.
- **No Response from Buttons:** Check for any physical damage to the buttons. If the device is frozen, disconnect and reconnect it to the battery.
- **Error Messages:** Refer to the specific error code in the full user manual for detailed troubleshooting steps. Common errors may relate to poor connection or an unsupported battery type.

## 7. SPECIFICATIONS

<b>Brand</b>	Konnwei
<b>Model Number</b>	KW208
<b>Power Source</b>	Battery Powered
<b>Style</b>	Voltage Tester
<b>Color</b>	Black
<b>Item Weight</b>	230 grams
<b>Minimum Operating Voltage</b>	12 Volts
<b>Upper Temperature Rating</b>	70 Celsius
<b>Measurement Type</b>	Battery Tester
<b>Compatible Item</b>	12V Battery, Vehicles, Equipment
<b>Product Dimensions</b>	20 x 78 x 127 mm
<b>Certifications</b>	CE, FCC, RoHS

UPC	657419949637
ASIN	B08MPXGSGN



Image 5: What's included in the box and product dimensions.

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in the original product packaging or visit the official Konnwei website. Keep your purchase receipt for warranty claims.

