



UBTC9

**BATTERY TEST CLIP**

User Manual

## 1 App Download

Search software at App Store or Google Play to install the App freely!

## 2 Connection with Car Battery

The red clip is clamped to the battery positive pole, while the black clip is clamped to the battery negative pole.



### **3 Bluetooth Connection**

First turn on your Bluetooth in phone settings, and clamp the battery clip to car battery before you open our ThinkDiag+ App, then tap the connection button to connect via Bluetooth.

## 4 Battery Health Test

Tap Battery Type - Battery Standard - Battery Capacity, to show the test results.

← Battery Type

☒ Common Battery

☐ AGM Start/Stop Battery

☐ GEL Battery

①

← Battery Standard

☒ Battery Council International

☐ Deutsche Industry Norm

☐ Japanese Industrial Standard

②

← Battery Capacity

International Battery Council (CCA)

550 CCA

100CCA 1000CCA

Next

③

← Detection Results

Battery Power SOC

100%

Battery Voltage

12.62V

Battery Life SOH

100%

Measured Starting Current

580CCA

Good battery

④

## 5 Start System Test

Start your car as instructed, it would automatically perform the Start System Test with test results shown.



← Start System Test

Start Duration

Start Voltage

**Tips**

1-Please turn off all electrical components, including car lights, radios, air conditioners, etc.  
2-It was turned off before the test.

cancel confirm

①



← Start System Test

Start Duration

Start Voltage

**Tips**

Click to confirm and start the engine to test

cancel confirm

②



← Start System Test

Start Duration

Start Voltage

The starting voltage is normal

③

## 6 Charging Health Test

Follow the instruction, and you'll get the test results easily.

← Charging test

On load voltage:

No load voltage:

Diode ripple value

**Tips**

Please start the engine before testing to make sure it has started.

cancel confirm

①

← Charging test

On load voltage:

No load voltage:

Diode ripple value

Normal ripple voltage (7.20mV)

**Tips**

Please increase the speed to 2500 rpm and keep it for 5 seconds

confirm

②

← Charging test report

On load voltage:

No load voltage:

Diode ripple value

Normal ripple voltage (4.80mV)

③

## **7** Warranty Card

1. In addition to the legal withdrawal right, you benefit from a 30-day money back guarantee. The device is also guaranteed for a period of one year.
2. Before replacement, please ensure complete packaging; Before replacement/repair, please call the service number to get the shipping address.
3. Product warranty starting date is based on the payment date.

iCarsoft Technology Inc

Service Line: 1-703-890-6001

Customer Service Email: [support@icarsoft.us](mailto:support@icarsoft.us)

Official Website: [www.icarsoft.us](http://www.icarsoft.us)

Products tutorial, videos, Q&A and coverage list are available on iCarsoft official website.



## IC Requirement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



## FCC Requirement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.