TOPDON®

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GOOD   CHARGE   BAD

ENTER   M   EXIT

BT100W

BT100W

Battery Service, Simplified
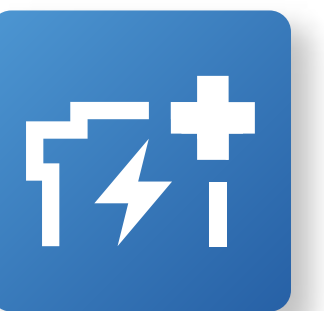
Battery Tester

Contents
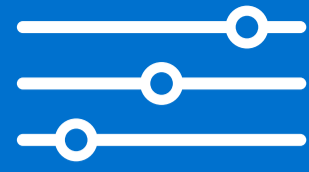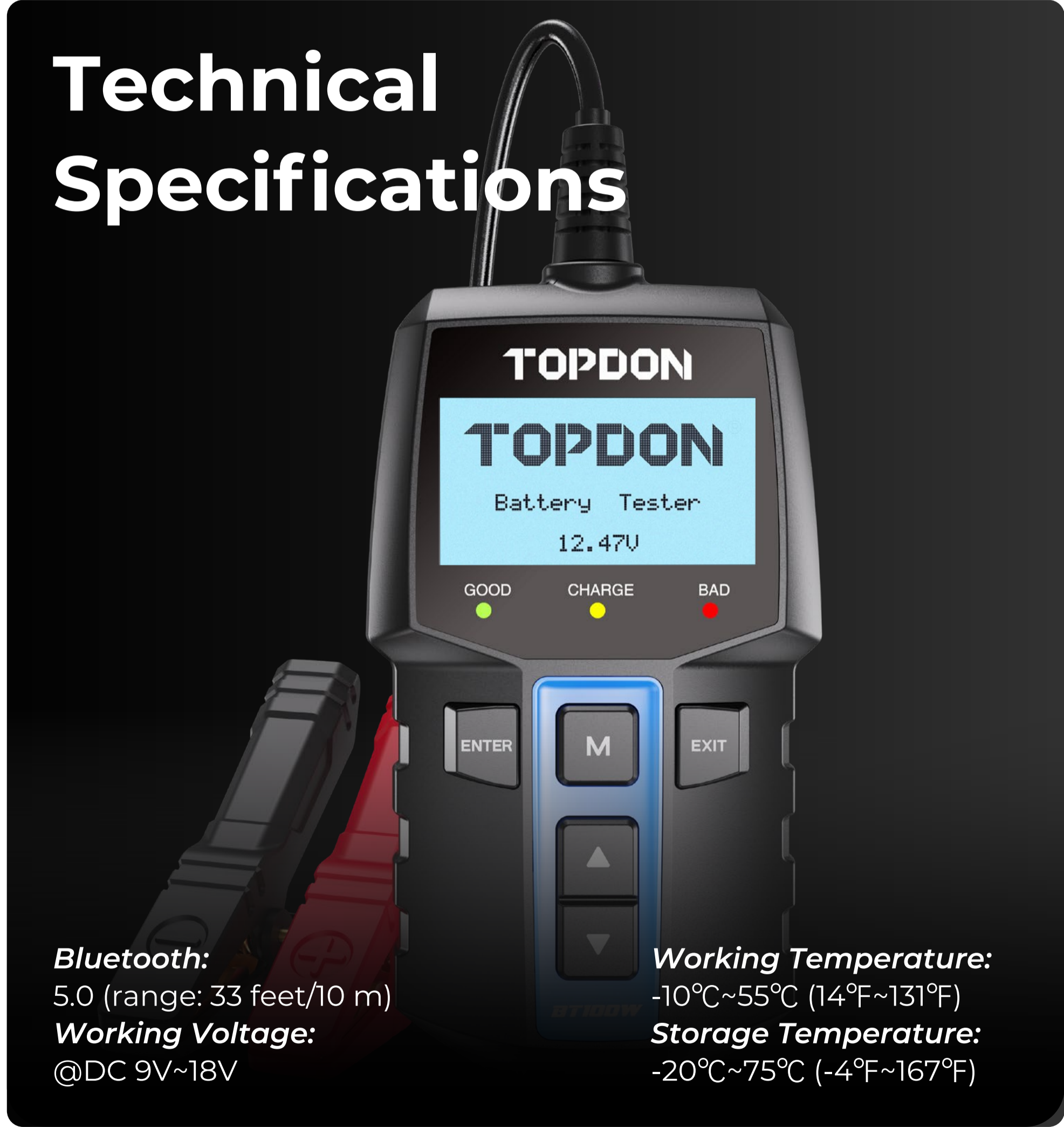
BT100W

The BT100W is a battery tool that gives users the efficiency of a plug-and-play tool and the robust data analysis of a high-tech digital tester. The BT100W brings versatility to every garage because it can function as a standalone battery tester and run a variety of tests. Users can tap into the device's app for more advanced functions, enhanced data analysis, and view or save battery test reports in a separate folder. The versatility of the BT100W even extends into the number of languages the tool operates in. Users can select from eight languages to operate the BT100W device and nine languages from the BT100W app.

Specs

Technical Specifications

Bluetooth:
5.0 (range: 33 feet/10 m)
Working Voltage:
@DC 9V~18V

Working Temperature:
-10℃~55℃ (14℉~131℉)
Storage Temperature:
-20℃~75℃ (-4℉~167℉)
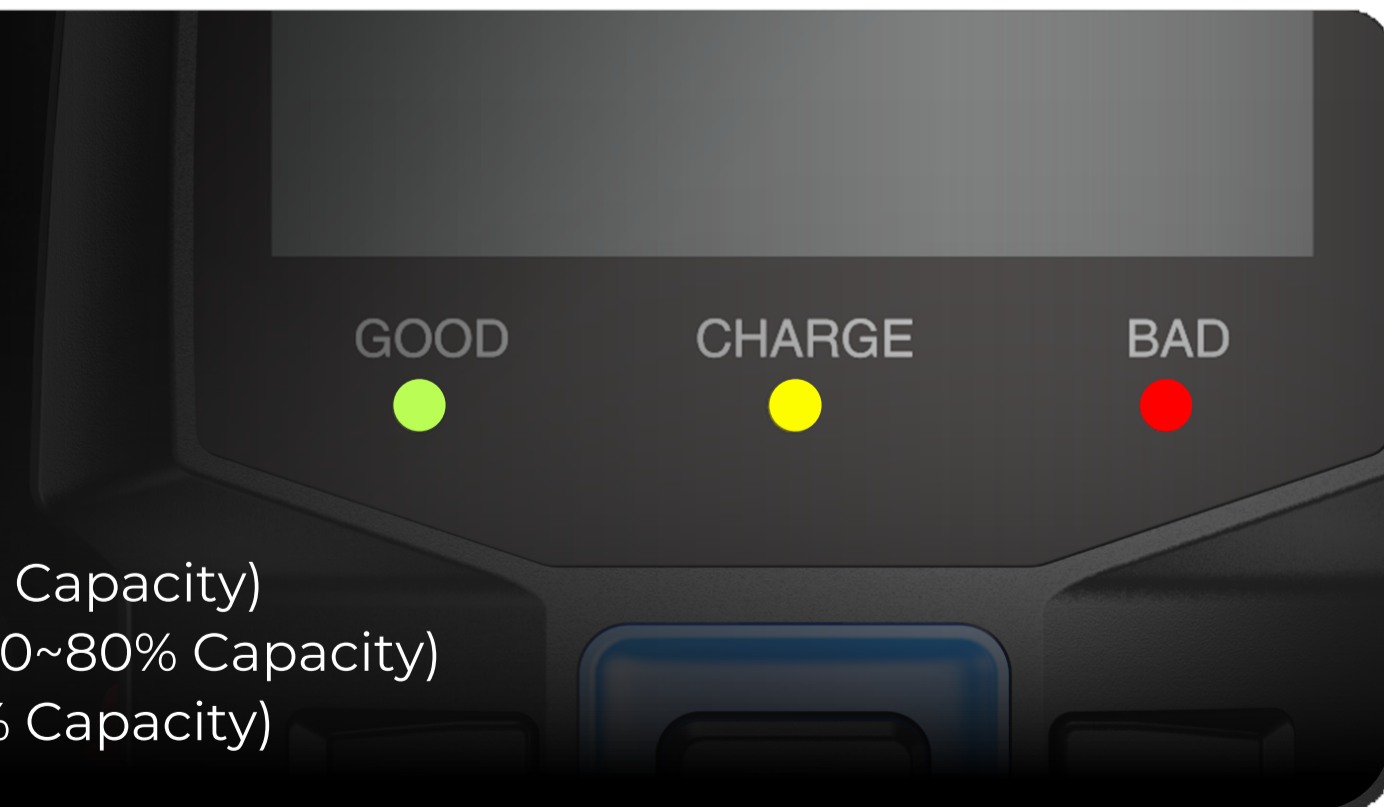
Parameters

Display:
128 x 64 LCD display
Cable Length:
800 mm (31.5 inches)
Dimensions:
136.5*75.5*22.5 mm
(5.37*2.97*0.89 inches)
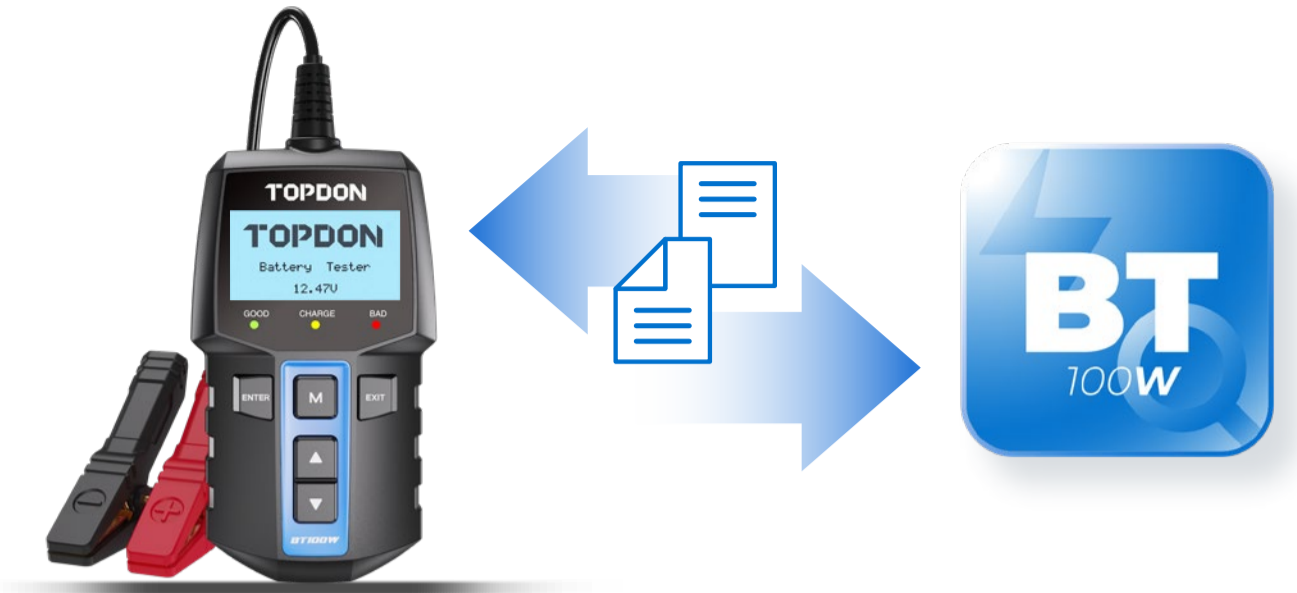**Net Weight:**
246g (8.68 oz)

Indicators

LED Indicators:
Green: Good (> 80% Capacity)
Yellow: Recharge (50~80% Capacity)
Red: Replace (< 50% Capacity)

Testing Via the Device's Interface or the App

Step beyond what the traditional battery tester can do.
Pair with the BT100W's app to perform system testing. Access the battery library through the app to always have the battery data you need to get the job done.
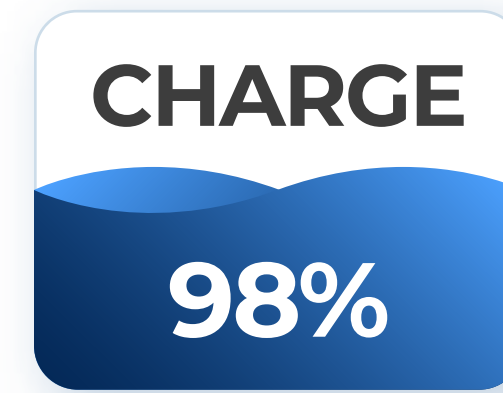
Battery Tests

Find and mitigate potential issues with battery tests. Operate on a variety of battery types and analyze the battery's state of health, state of charge, and cold-cranking amps.

CHARGE 98%

HEALTH 98%

Cold Cranking

8v

16v

TOPDON

Battery Test

Healthy: 100%   545CCA
Charge : 83%   12.53V
Internal R =   5.46mΩ
Rated: 500CCA

GOOD BATTERY

GOOD   CHARGE   BAD

ENTER   M   EXIT

BT100W

Cranking Tests

By monitoring the cranking time and cranking voltage, a cranking test helps to check the health and service life of a battery.

Note: The longer the cranking time, the lower the cranking voltage, and the shorter the service life is.
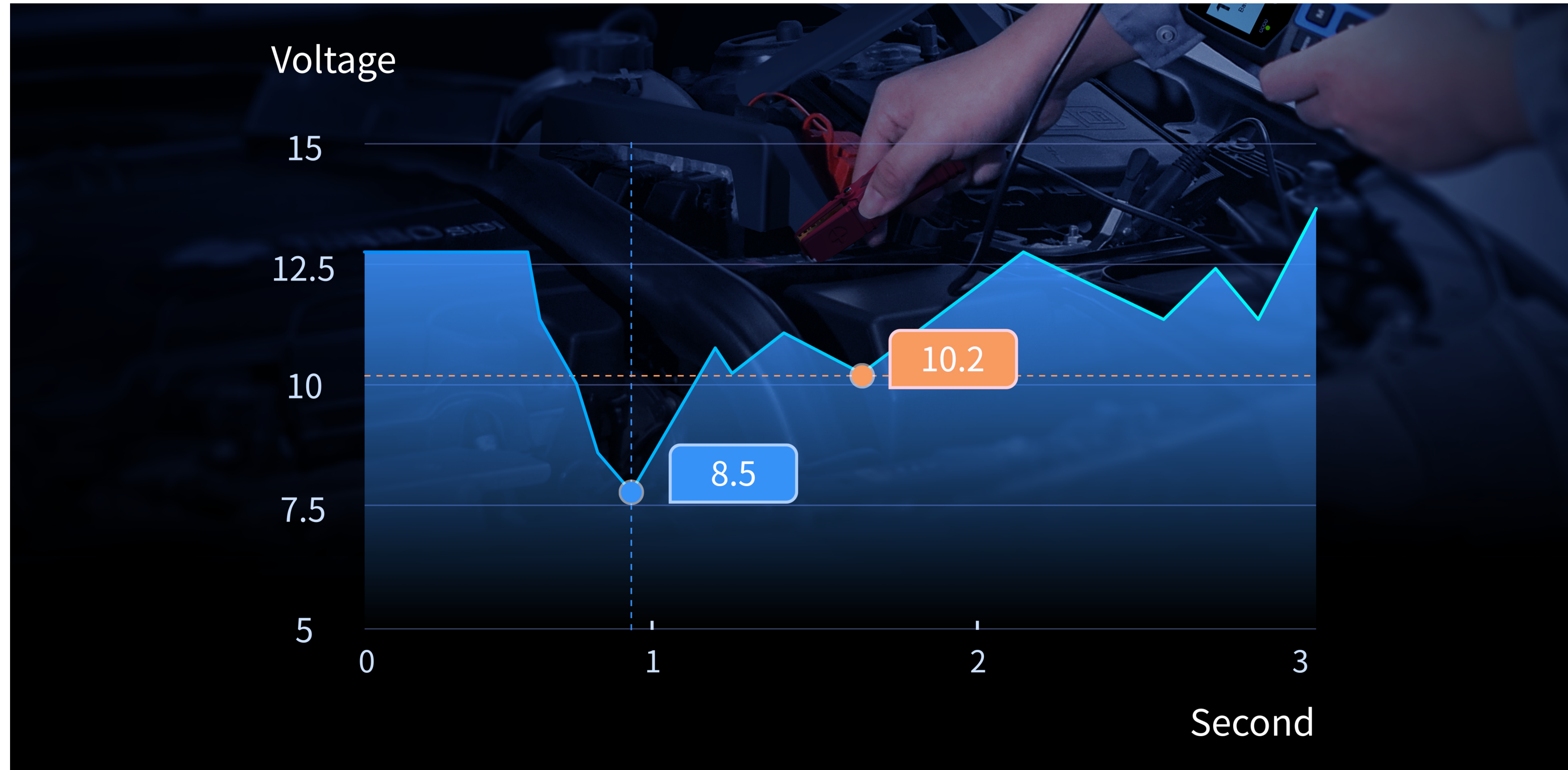
CRANKING TESTS

Voltage
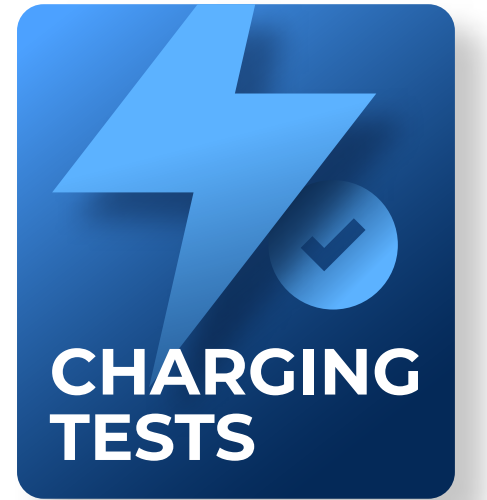
15

12.5

10.2

10

8.5

7.5

5

0   1   2   3

Second

Charging Tests

Know with certainty whether the charging system
is working properly and the car is ready for the
road.

**CHARGING
TESTS**

System Tests

Step into the BT100W app to run system tests. This battery tester supports a system test function, which enables technicians to perform a battery test, cranking test, and charging test, with only one click. The perfect tool for technicians seeking greater efficiency.
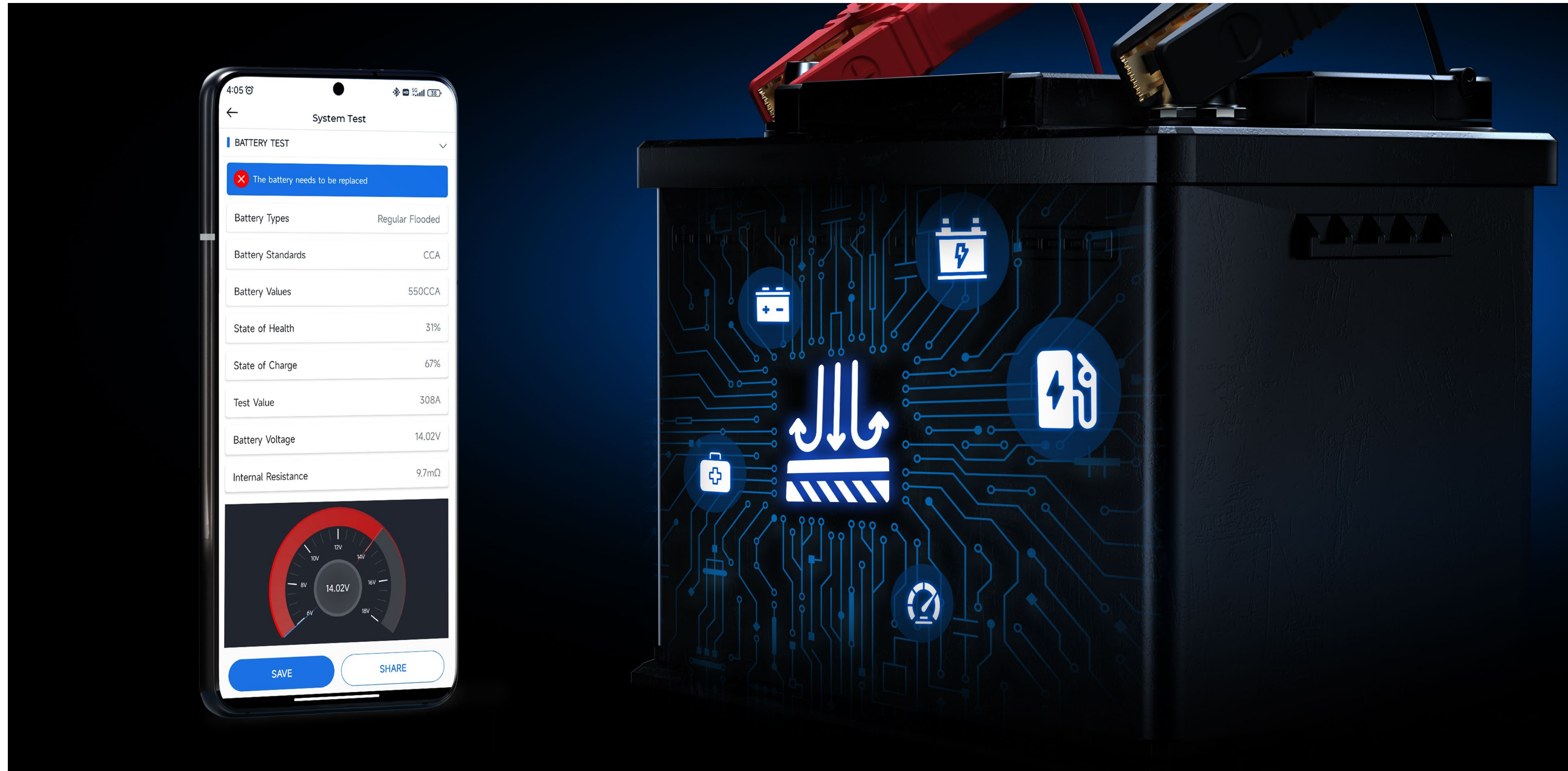
Battery Library

The BT100W's battery library allows for easy access to key battery information such as battery standards, CCA, specifications and more.
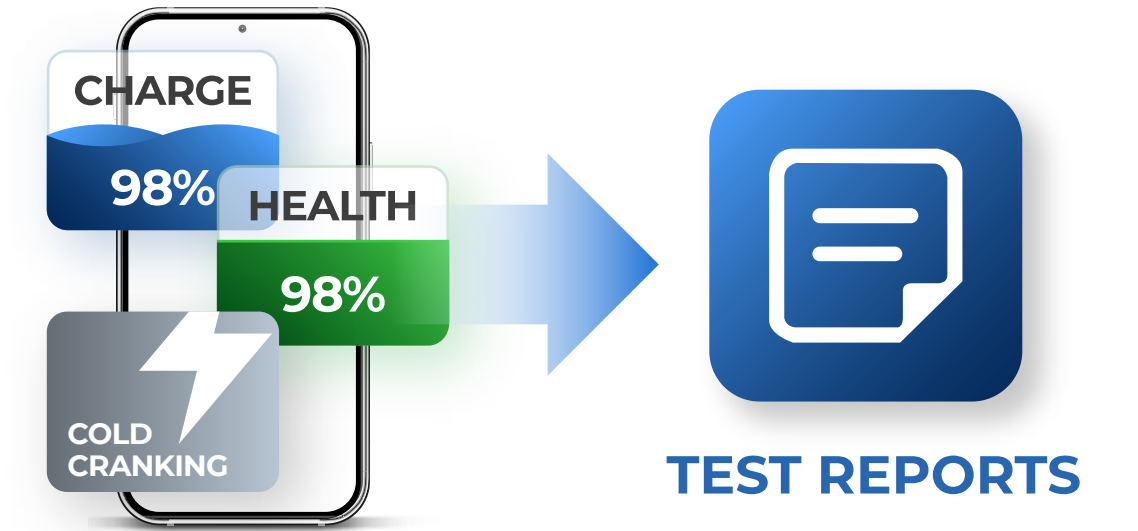
Battery
Make

Battery
Make

Specifications

+
More

Generates Test Reports

Create test reports to compile important battery status information in one spot. View data such as state of health, state of charge, internal resistance and more.

CHARGE
98%
HEALTH
98%
COLD
CRANKING

TEST REPORTS
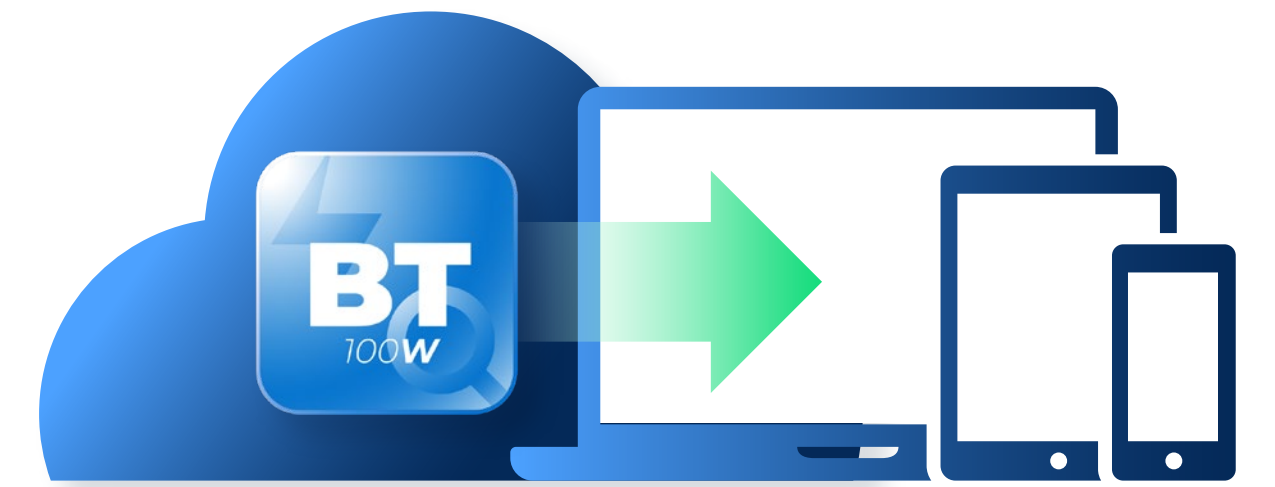
Data Synchronization

Data synchronization between the BT100W
tester and the mobile application is performed
seamlessly to ensure accurate information is
displayed across both platforms.

Brief

Specs

Features

What's In
The Box?

FAQs

Multilingual Support

Never stress about being able to read test results. Eight
languages are available on the device itself; nine languages
are supported on the mobile app.
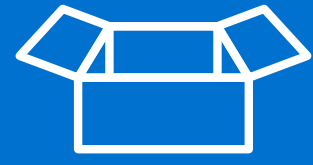Device: EN/FR/ES/DE/IT/PT/RU/JP
App: CN/EN/FR/ES/DE/IT/PT/RU/JP

What's In The Box?

BT100W

User Manual

Quick User Guide

FAQs

Question

Is the BT100W able to test a vehicle alternator?

Answer

Yes.

Question

Will the BT100W save the most recent test results in memory?

Answer

Yes. It will keep the most recent test results in data review.

FAQs

Question

Is the BT100W able to test motorcycle batteries?

Answer

It can test 12V batteries between 100 and 2000 CCA. If relevant specifications of the motorcycle battery are within the testing range, tests will be applicable.

Question

Can the firmware be updated?

Answer

Yes. You can check for any update under the "Settings" section in the APP.

FAQs

Question

How should you set the CCA range?

Answer

You can set the data close to the CCA standard number of your battery.

Question

Does the BT100W test 12V deep cycle batteries?

Answer

Yes. It does.

FAQs

Question

Will the BT100W work with marine batteries?

Answer

Yes. It can work with marine batteries.

Question

Will the BT100W accurately load test ATV batteries?

Answer

Yes. It can accurately load test ATV batteries.

FAQs

What does SOH, SOC, and RES mean?

Answer

The SOH refers to the "State of Health". The SOC is the "State of Charge", and the RES is the "Resistance Value" of the battery.

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