

BT20

TOPDON®



Product profile



BT20

The BT20 is an entry-level wireless 12V battery tester. Equipped with a full range of features, this tool is suitable for the most common 12V lead-acid battery types. Taking the BT series to a new level, it offers high-precision voltage detection and real-time voltage monitoring. This device lets users of all skill level, view voltage waveform graphs and test reports through an app. Its load test method provides accurate results, making the BT20 a battery tester with superb cost-effectiveness.

SPECS

Testable Battery Types

12V Lead-Acid Batteries

Clamp Cable Length

0.5m (19.69")

Voltage Test Range

5-20V

ESSENTIAL FUNCTIONS

Battery Load Testing

Voltage Testing

Cranking Tests

Charging Tests

Voltage Waveform Graphs

Data Playback



Run A Wide Range of Tests with Highly Accurate Results

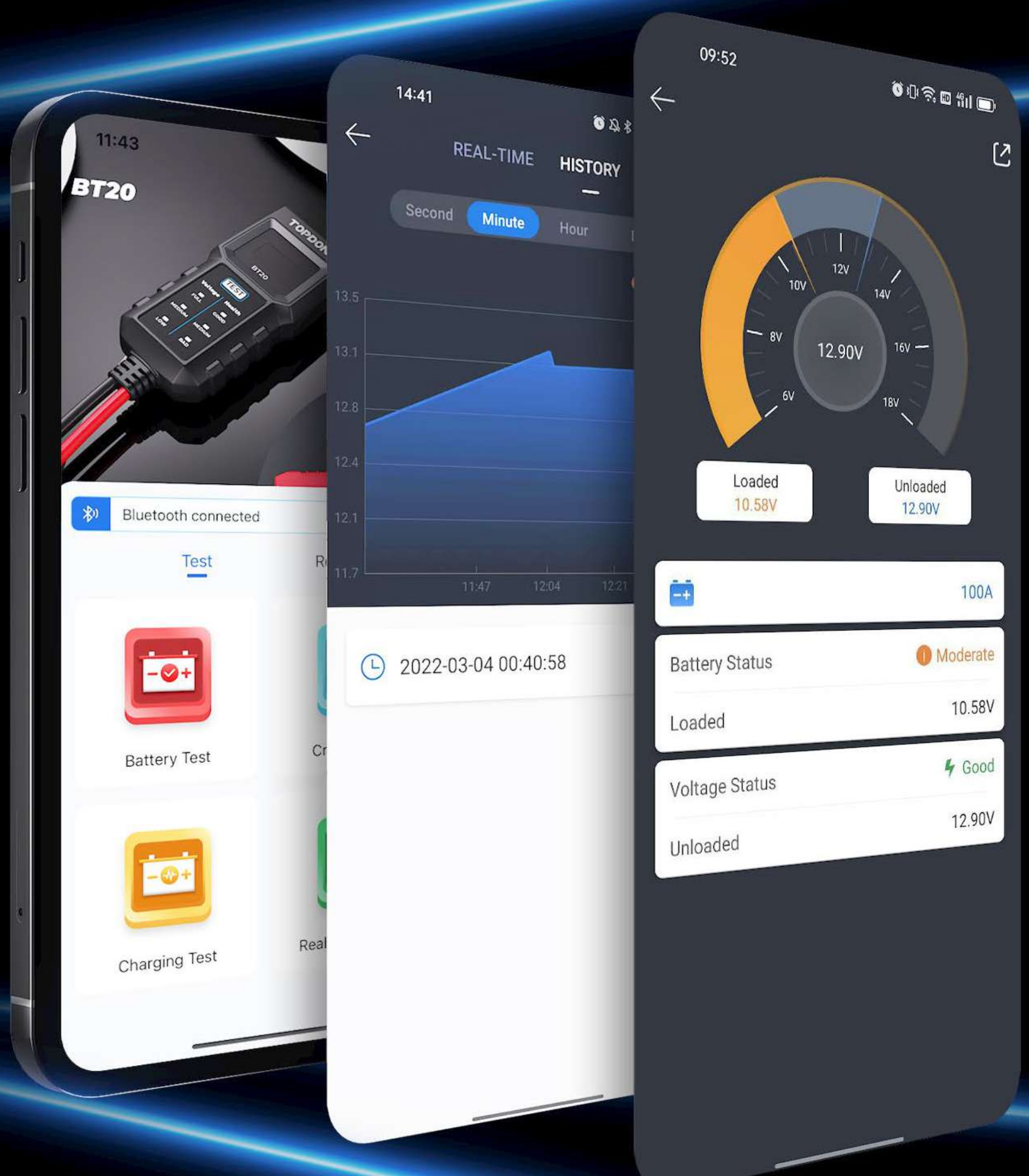
The BT20 uses the load test method for more accurate test results. It is suitable for 12V lead-acid batteries and supports a testing range of 5-20V.

It can quickly measure the battery's chargingly or cranking performance, and run voltage tests (load & no-load).

Load & No-Load



01



02

Intuitive Applications with Guided Operations

Bluetooth Connection
User-Friendly and Quick to Set Up

User-Friendly

TEST

Voltage



FULL



MEDIUM



LOW

Health



GOOD



MEDIUM



BAD



Multi-Dimensional Display of Battery Status

The BT20 can clearly display the test results of load battery tests and non-load tests to determine the battery status more accurately.

There is also a real-time voltage waveform graph, which is convenient for you to view the real-time voltage status on the app.

03

BATTERY TEST		VOLTAGE WAVEFORM GRAPHS	
			1A
Battery status		Dead	
Load		10.85V	
Voltage status		Dead	
No load		13.14V	

Bluetooth



04

Automatic Generation Test Reports

Use data playback function, which utilizes the Bluetooth connection for quick data exports.

The TOPDON BT20 lets users share and save test records with ease . Users can also analyze faults and potential problems through the inspection report.

Playback



05

High-Resolution LCD Screen

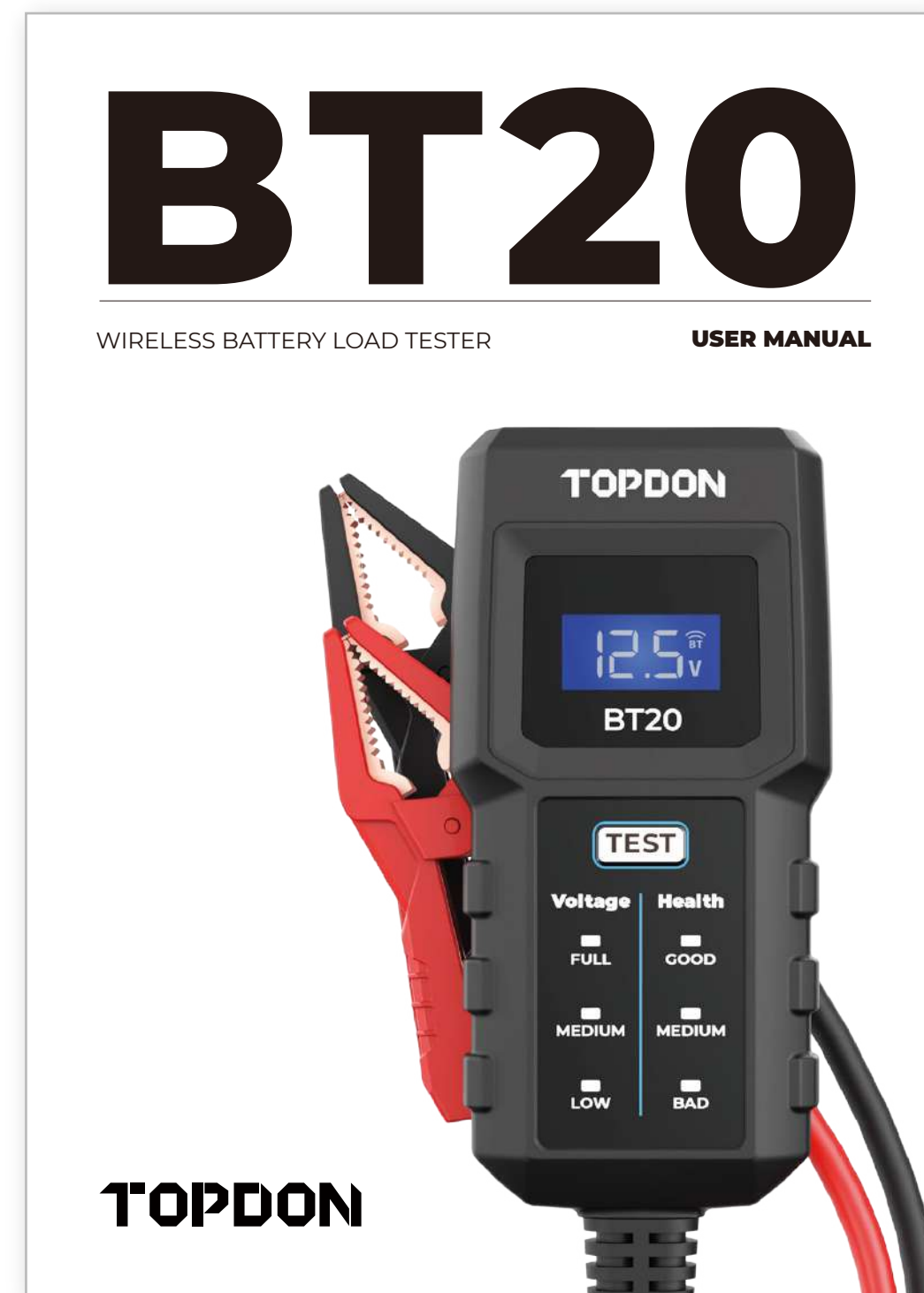
The BT20 features a high-resolution LCD screen that clearly displays a battery's test results. It is durable and easy to read, even when used in darker environments.

High-Resolution

WHAT'S IN THE BOX?

TOPDON[®]

- BT20
- User Manual



EXPLORE MORE POSSIBILITIES WITH THE BT20






DIY Community



Dealerships



Everyday Car Owners

MODEL	BT20	BT100	BTMobile Lite
SPECIFICATIONS			
Testing Range (CCA)	100-2000CCA	100-2000CCA	100-2000CCA
Testing Voltage	12V	12V	12V/24V
Test Principle	Load Test	Kelvin Test	Kelvin Test
Application	FLOODED/AGM/GEL/EFB/VRLA	FLOODED/AGM/GEL/EFB/VRLA	FLOODED/AGM/GEL/EFB/VRLA
Battery Standard	CCA/CA/BCI/MCA/DIN/IEC/EN/SAE/JIS/GB	CCA/CA/BCI/MCA/DIN/IEC/EN/SAE/JIS/GB	CCA/CA/BCI/MCA/DIN/IEC/EN/SAE/JIS/GB
Ripple Test	√	√	×
12V Battery Test	√	√	√
12V Cranking Test	√	√	√
12v Charging Test	√	√	√
System Test	×	×	√
Data Retrieval	No limit	1 time	No limit
LCD Display	1.2" Backlit	2" Backlit	×
Update	√	×	×
App	Phones (BT20)	×	Phones(BT MOBILE)

FAQs

Q What types of batteries do the BT20 work on?

A ▪ 12V lead-acid batteries.

Q How to determine whether the battery is good or bad?

A ▪ The larger the battery capacity, the higher the voltage value of the load test. Generally speaking, the load voltage should be above 10V for batteries above 50Ah (500CCA); above 9.5V for batteries above 20Ah (200CCA).



Q Why does the device get hot after running tests?

A

- The device tests the battery by simulating the vehicle load. It is normal for the device to heat up.

Q How to determine whether the battery is good or bad?

A

- It is not recommended to test batteries with a capacity greater than 200Ah (2000CCA), because their output current is too large and may cause the device to overheat.



CONTACT US FOR MORE DETAILS

TOPDON®

www.topdon.com

sales@topdon.com

support@topdon.com

Social Media: [@topdonofficial](https://www.instagram.com/topdonofficial)

+86-755-21612590 (Global HQ)

+1-833-629-4832 (North America)

TOPDON GLOBAL

Unit 2005 20/F, No.3040 Xinghai Avenue,
Qianhai Shimao Tower, Qianhai Shenzhen-Hong Kong
Cooperation Zone, Shenzhen, PR, China 518000

TOPDON US

400 Commons Way, Suite A
Rockaway, NJ 07866

