

TOPBAND Bluetooth APP



TOPBAND Bluetooth APP User Guide

[Home](#) » [TOPBAND](#) » TOPBAND Bluetooth APP User Guide 

Contents

- 1 TOPBAND Bluetooth APP
- 2 Product Information
- 3 Product Usage Instructions
- 4 Frequently Asked Questions
- 5 Home
- 6 Smart battery
- 7 Communicated connection
- 8 Air connection
- 9 Communication box
- 10 Bluetooth module
- 11 Documents / Resources
 - 11.1 References

TOPBAND

TOPBAND Bluetooth APP



Product Information

Specifications

- Brand: Shenzhen Topband Battery Co., Ltd.
- Product: Bluetooth APP

Product Usage Instructions

Home

This section provides an overview of the main screen of the app.

Device Type

Details the different types of devices that can be connected to the app.

More Setting

Explains additional settings and configurations available within the app.

Smart Battery

Information on how to monitor and manage smart batteries using the app.

Search Interface

Instructions on how to use the search feature within the app.

Basic Information

Provides basic information about connected devices and batteries.

Device Overview Page

Detailed view of the connected device's main information.

Logs Page

View logs and history of device activities.

Detailed Information Interface

Access detailed information about the connected device.

More

Additional features and functionalities available in the app.

Equipment Name

View and edit the name of the connected equipment.

Mac

Access and manage the Mac address of the connected device.

Battery Software Version

Check and update the software version of the battery.

Communicated Connection

Information on the communication status between devices.

Distribution Network Steps

Steps to distribute network connections among different devices.

System Data

Access system-wide data and information.

Summary Data Page

View summarized data related to system performance.

Fault Record Page

Check records of any faults or errors detected by the system.

Mode Page

Select and configure different modes for device operation.

Air Connection

Instructions on how to connect via air communication mode.

Communication Box

Manage communication settings and connections within the app.

Frequently Asked Questions

Q: How do I connect a new device to the app?

A: To connect a new device, go to the “Search Interface” and follow the on-screen instructions to pair the device with the app.

Q: Can I view historical data of my devices using the app?

A: Yes, you can view historical data and logs by navigating to the “Logs Page” within the app.

Please download the TB Battery APP from either Apple Store or Google Play before use.



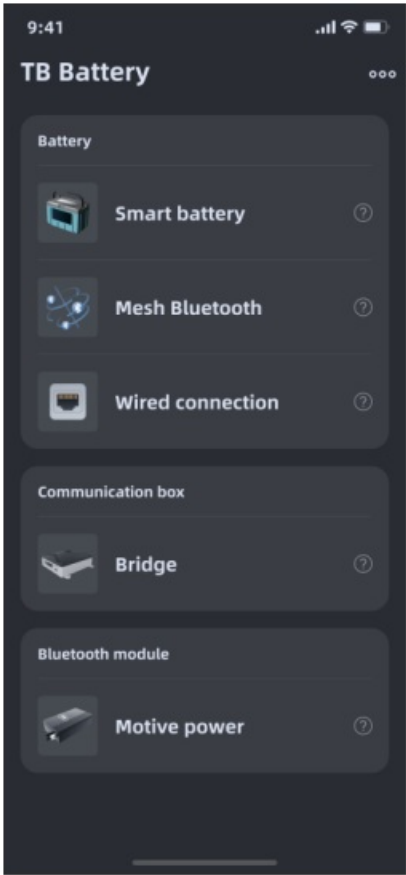
Home

Device type

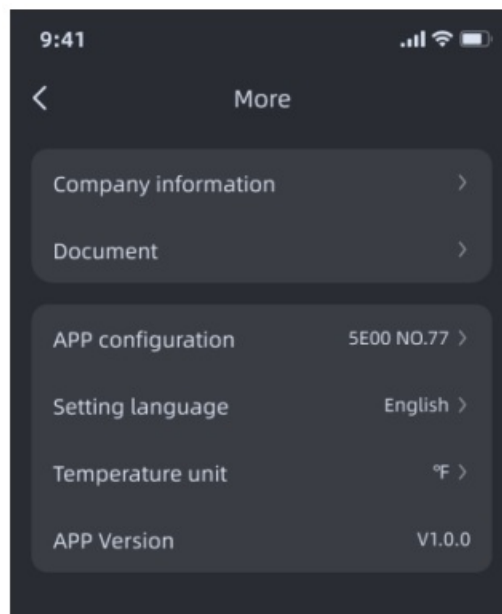
Device type	Specific type
Battery	Smart battery
	Air connection
	Wired connection
Communication box	Bridge
External Bluetooth module	Motive power

More setting

Company information Display phone, email, official website, and address information



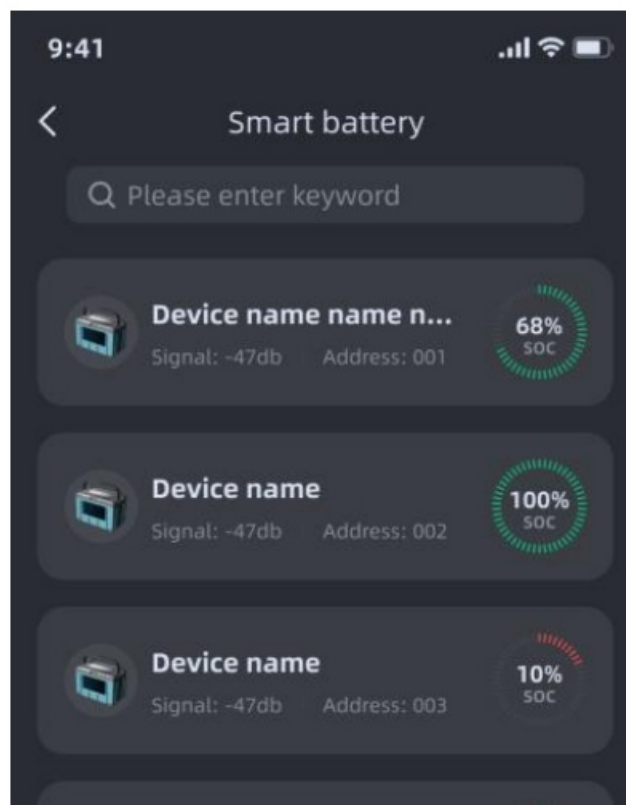
- 1. document: APP statement
- 2. language: Including Chinese Chinese, English,Germany, France
- 3. Temp. unit unit °C °F
- 4. APP version version: APP current version



Smart battery

Search interface

Support fuzzy search device, display Bluetooth name, signal strength, (SOC, address available for T plus series batteries, not for other batteries)



Basic information

Device Overview Page

1. The Bluetooth name of the currently connected device;

2. SOC of equipment:
 SOC<20%: icon in red
 SOC>20%: icon is green
3. The health status of the device: Perfect Good: Good
4. Current status of the device: Standby: No identification Charging: Lightning symbol flashing During discharge: the lightning sign remains on
 Heating: Heating icon



5. The usable time of the device
6. Current: positive charging value, negative discharging value
7. Capacity: Equipment design capacity
8. Voltage: Current voltage of the device
9. Power: $\text{Power} = \text{Voltage} * \text{Current}$
10. Temperature: device average temperature
11. Number of cycles: the number of times the device has been used

Logs Page

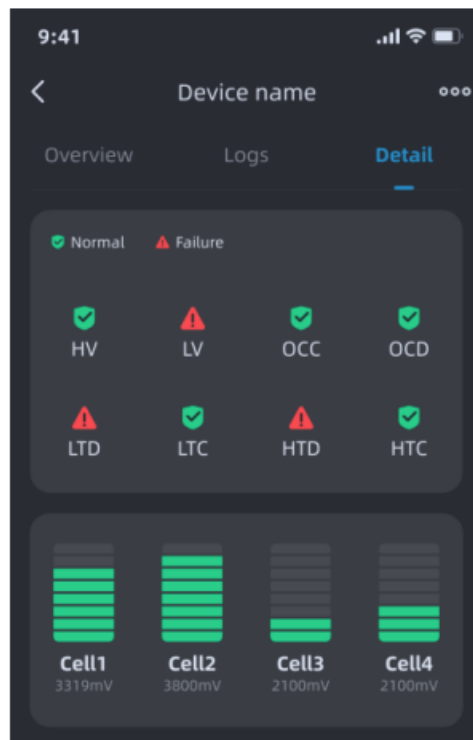
Right slide or click on “Logs” to enter the fault record page

1. Display the alarm & recovery record of the device

Detailed Information Interface

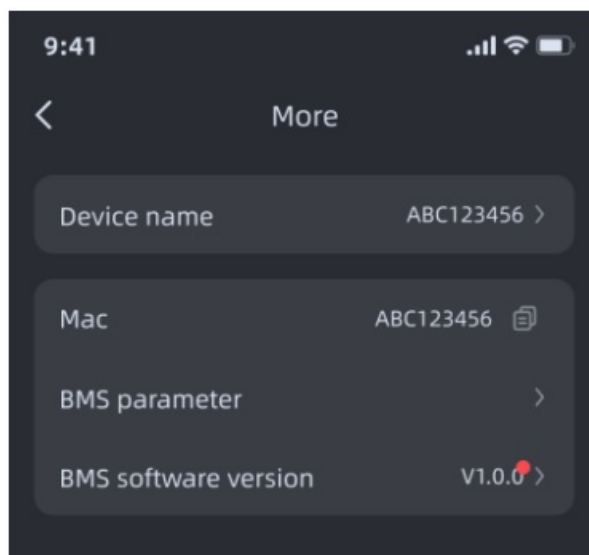
Right slide or click on “Detail” to enter the fault record page

1. Display battery failure
2. Display the voltage of a single battery cell



More

Click on “...” in the upper right corner to enter more interfaces



Equipment name

Enter password 1234 to modify the device name

Mac

Mac Display the Mac address of current device

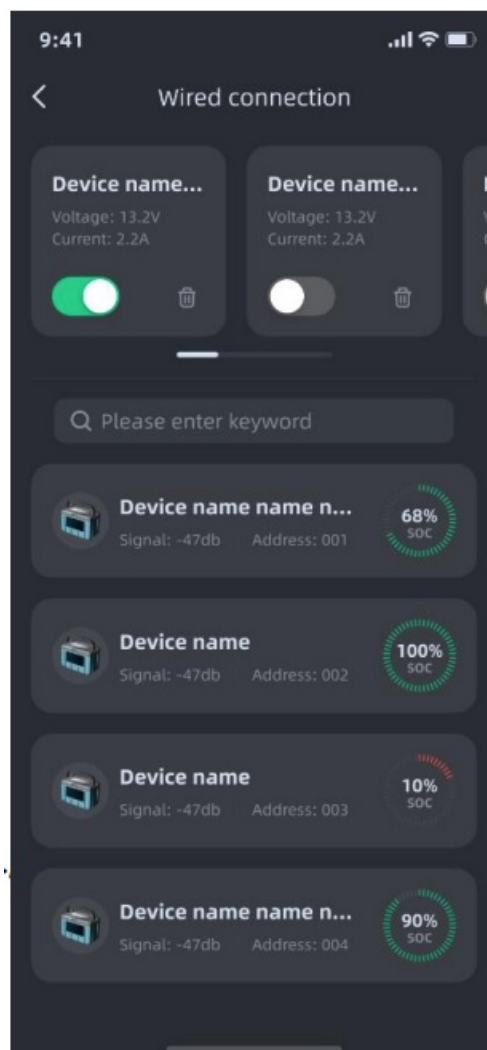
Battery software version

Display the battery firmware version of the current device. When a new firmware is detected on the device, a red dot will prompt the user to update the firmware.

Communicated connection

Search interface

1. Support for fuzzy search devices
2. System List:
 1. Display connected systems: system name, system voltage, system current
 2. Click “+” to configure the system and save up to 6 systems

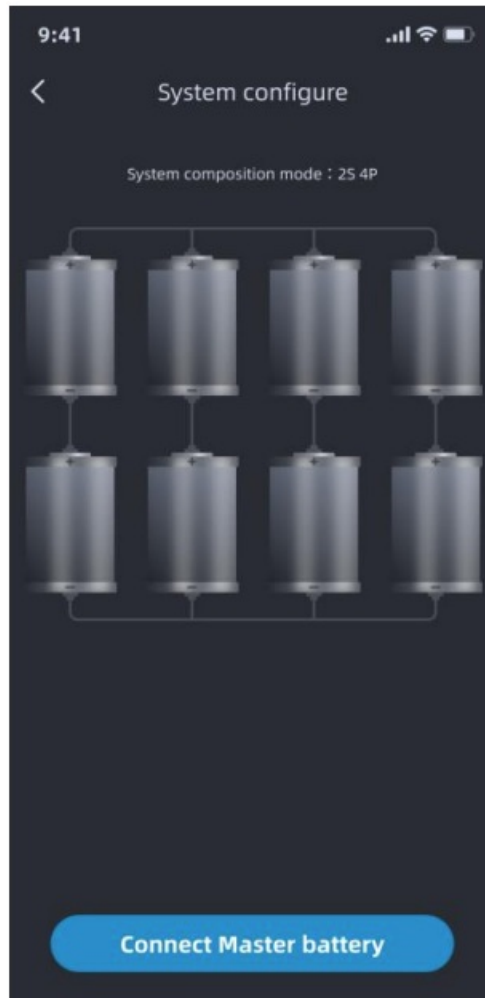


3. The switch can connect and disconnect the system
4. Up to 6 systems can be grouped
5. Delete key deletes the system
3. Device List
 1. Display the device Bluetooth name, signal strength, device address, and device SOC that can be searched.
 2. Connecting any device will automatically determine whether the settings are in the system;

Distribution Network Steps

1. Equipment operation:

1. Wiring: When all batteries are turned off, perform physical serial and parallel connections first; Select the first battery as the host device, with the host battery's LINK OUT connected to the LINK IN of slave 1 and the LINK OUT of slave 1 connected to the LINK IN of slave 2; Take them one by one; Start the batteries in sequence;
2. Address allocation: After pressing the reset button on the host battery for 10 s, the device indicator light starts running. After all the indicator lights are off, the address allocation is completed;



2. APP operation:

1. Networking: Open the communication networking interface of the APP, click the "+" sign, set the system name, voltage platform, and serial parallel connection. After setting, click Next
2. Connect Host: Click on Connect Host Battery, select the corresponding host, save, and the network distribution is successful; the device indicator light is constantly on
3. 12V system: 16P maximum at 1S, 4P maximum at 2/3/4S 24V system: cannot be connected in series, maximum 4P 36V system: cannot be connected in series, maximum 4P 48V system: cannot be connected in series, maximum 4P

System data

Summary Data Page

1. The name of the currently connected device;
2. SOC of equipment

SOC<20%: icon in red
SOC>20%: icon is green



3. Current state of the device
Standby: No identification
Charging: Lightning symbol flashing
During discharge: the lightning sign remains on Heating: Heating icon
4. The usable time of the device
5. Current: positive charging value, negative discharging value
6. Capacity: Equipment design capacity
7. Voltage: Current voltage of the device
8. Temperature: maximum temperature, minimum temperature
9. Serial parallel number: the composition of the system

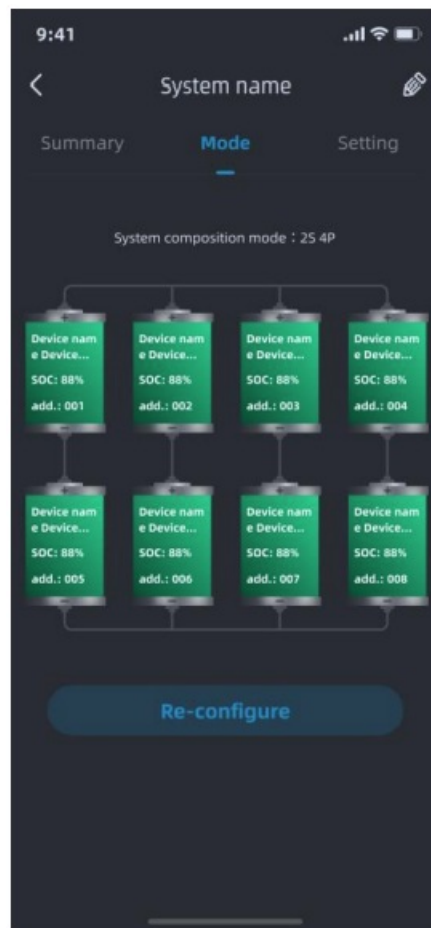
Fault Record Page

1. Right slide or click on “Logs” to enter the fault record page
 1. Display the alarm & recovery record of the system and locate which battery alarm is in the system

Mode page

Right slide or click on “Mode” to enter the page

1. The configuration of the display system: serial parallel relationship;

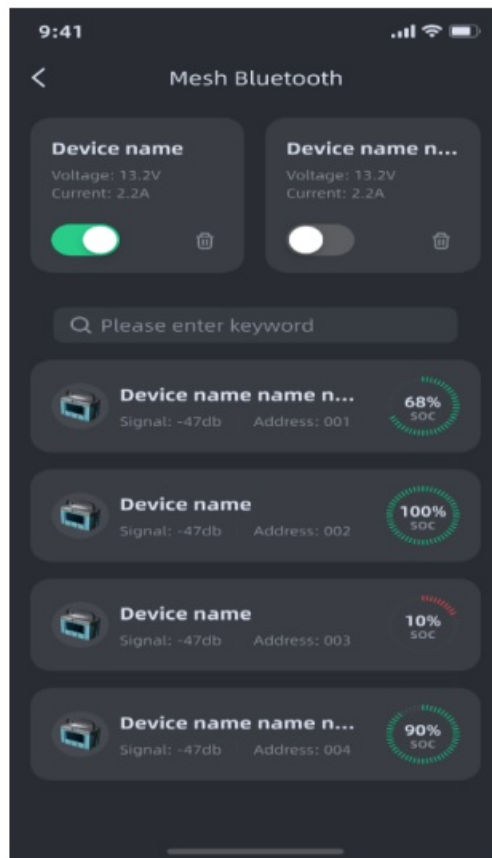


2. Display the MAC address, SOC, and address of each device in the system;

3. Reconfigure: You can reselect the host to save the new system;

4. Release network: Release the system;

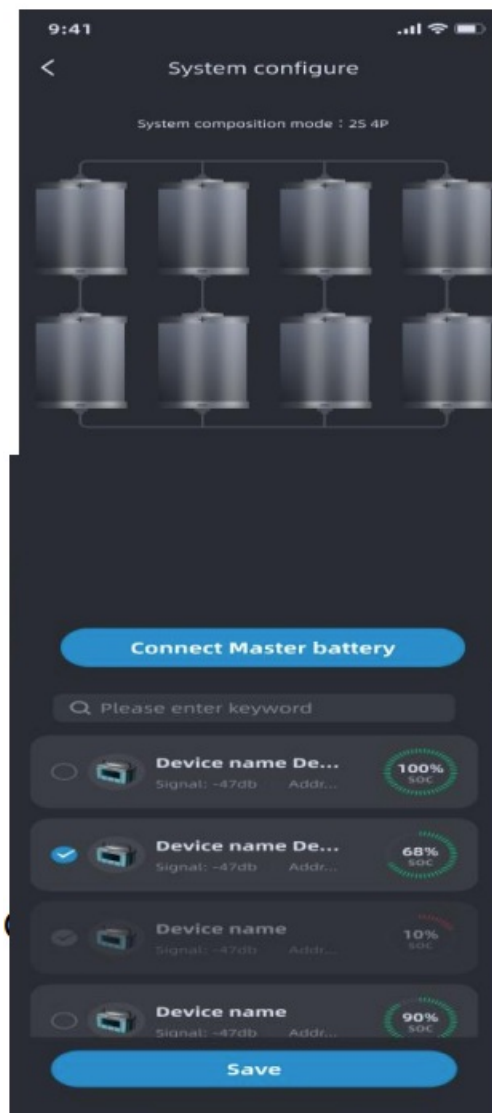
5. Click the single battery icon to enter the single battery information page to view the detailed parameters of the battery;



Air connection

Search interface

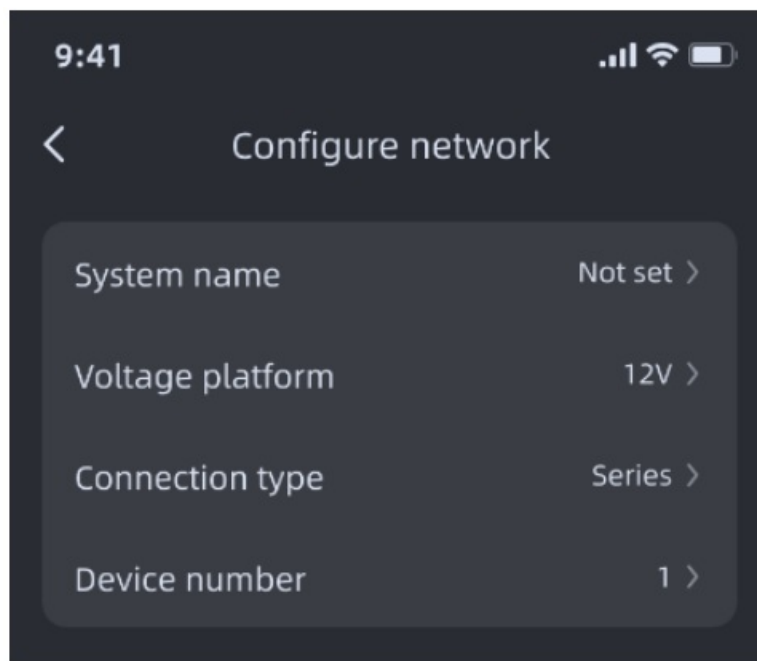
1. Support for fuzzy search devices
2. System List:
 1. Display saved system: system name, system voltage, system current
 2. Click “+” to configure the system and save up to 2 systems
 3. The switch can connect and disconnect the system
 4. Press frequently to delete the system
3. Device List



1. Display the device Bluetooth name, signal strength, device address, and device SOC that can be searched for
2. Connecting any device will automatically redirect to the single battery information interface;

Distribution Network Steps

1. Wiring: The battery is physically connected in series or parallel using power lines;
2. Networking: Open the air networking interface of the APP, click the + sign, set the system name, voltage platform, series or parallel connection, quantity, select the corresponding device Bluetooth name to the corresponding position of the APP, and the networking is successful;



System data

Summary Data Page

1. The Bluetooth name of the currently connected device;
2. SOC of equipment
 - SOC<20%: icon in red
 - SOC>20%: icon is green
 - 2. Current state of the device
 - Standby: No identification
 - Charging: Lightning symbol flashing
 - During discharge: the lightning sign remains on Heating: Heating icon
3. The usable time of the device
4. Current: positive charging value, negative discharging value
5. Capacity: Equipment design capacity
6. Voltage: Current voltage of the device
7. Temperature: maximum temperature, minimum temperature
8. Serial parallel number: the composition of the system



Mode page

Right slide or click on “Mode” to enter the page

1. The configuration of the display system: serial parallel relationship;
2. Display the MAC address, SOC, and address of each device in the system;
3. Reconfigure: You can reconnect the device to save the new system;
4. Release network: release the system;
5. Click the single battery icon to enter the single battery information page to view the detailed parameters of the battery;

Communication box

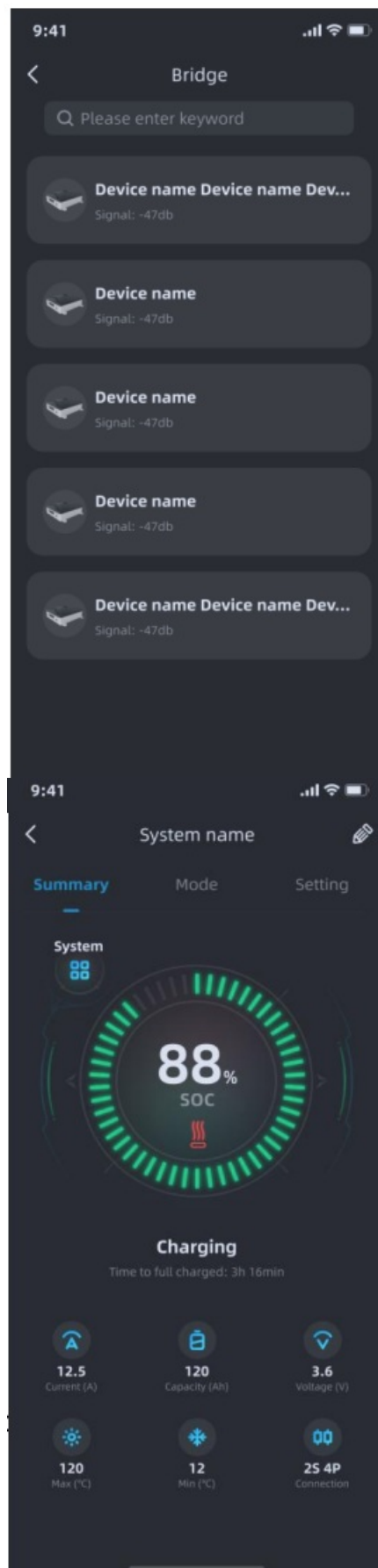
Search interface

Support fuzzy search device, display Bluetooth name, signal strength, (SOC, address (available for T-series batteries, not for other batteries))

Bridge

Summary Data Page

1. The Bluetooth name of the currently connected device;
2. SOC of equipment SOC<20%: icon in red SOC>20%: icon is green



3. Current state of the device

Standby: No identification

Charging: Lightning symbol flashing

During discharge: the lightning sign remains on Heating: Heating icon

4. The usable time of the device

5. Current: positive charging value, negative discharging value
6. Capacity: Equipment design capacity
7. Voltage: Current voltage of the device
8. Temperature: maximum temperature, minimum temperature
9. Serial parallel number: the composition of the system



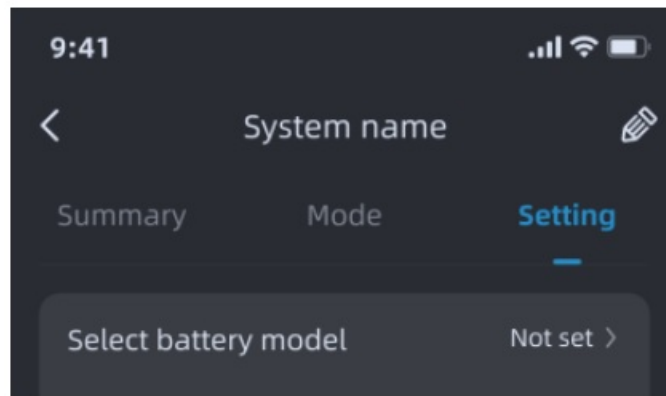
Mode

Right stroke or click on “Mode” to enter the page

1. The composition of the display system: serial parallel relationship;
2. Display the Mac address, SOC, and address of each device in the system;
3. Click the single battery icon to enter the single battery information page to view the detailed parameters of the battery;

Discover

Right slide or click on ‘Discover’ to enter the discovery page

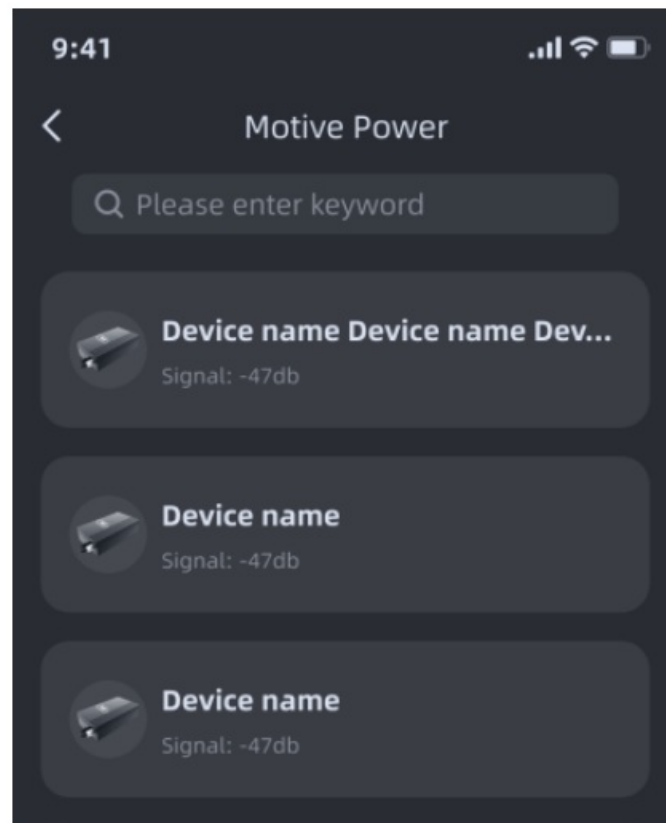


This interface can display the inverter protocol that the current box is compatible with

Bluetooth module

Search interface

Support fuzzy search device, display Bluetooth name, signal strength, (SOC, address (available for T-series batteries, not for other batteries))



Motive power

Summary data interface

1. The Bluetooth name of the currently connected device;
2. SOC of equipment
 - SOC<20%: icon in red
 - SOC>20%: icon is green
3. Current state of the device

Standby: No identification

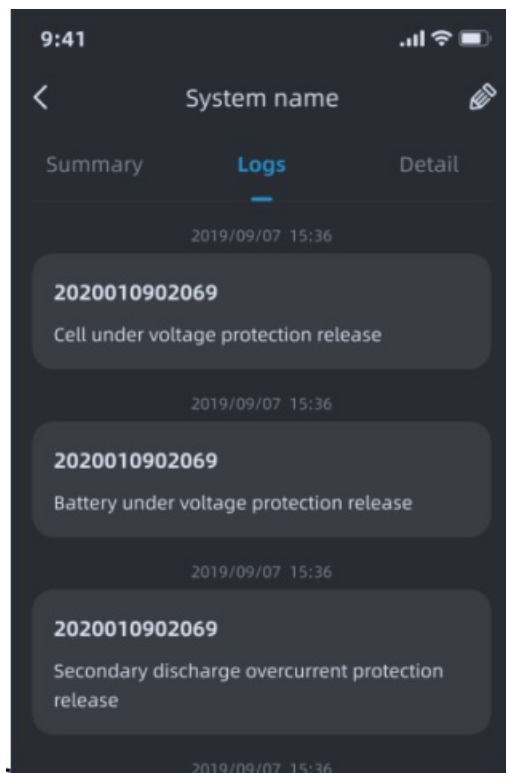
Charging: Lightning symbol flashing

During discharge: the lightning sign remains on



Heating: Heating icon

4. The usable time of the device
5. Current: positive charging value, negative discharging value
6. Capacity: Equipment design capacity
7. Voltage: Current voltage of the device
8. Temperature: maximum temperature, minimum temperature
9. Serial parallel number: the composition of the system



Logs interface

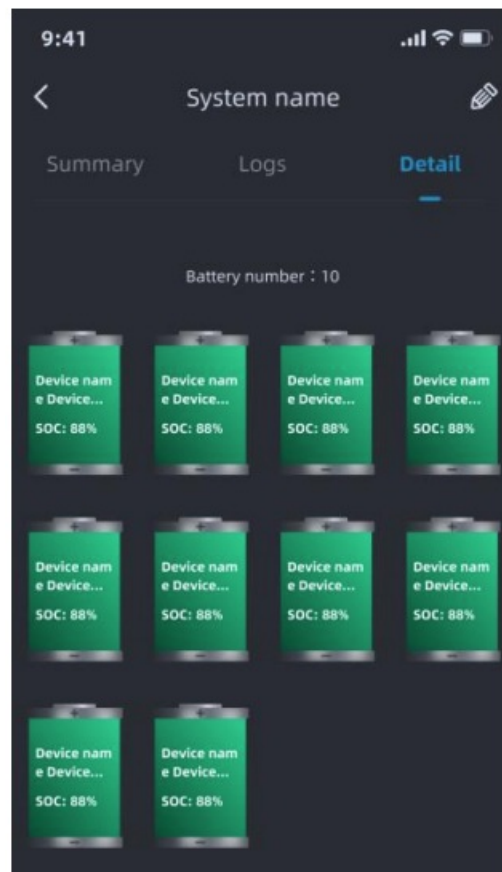
Right slide or click on “Logs” to enter the page

1. Display the alarm recovery record of the system and locate which battery alarm is in the system

Configuration Page

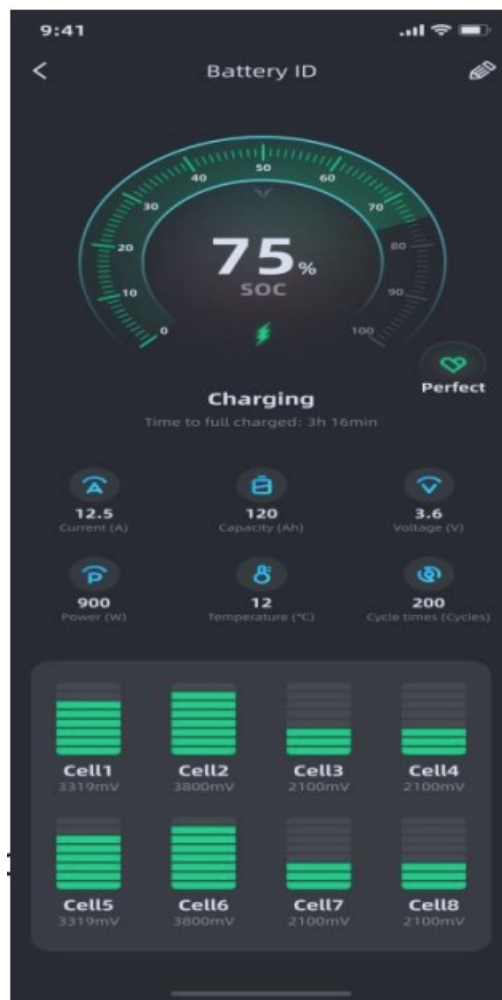
Right slide or click on ” Detail ” to enter the page

1. The configuration of the display system: serial parallel relationship;
2. Display the MAC address , SOC, and address of each device in the system;
3. Click the single battery icon to enter the single battery information interface to view the detailed parameters of the battery



Single Battery Information Page

1. MAC address of the device
2. SOC of equipment
SOC<20%: icon in red



SOC>20%: icon is green

3. Current state of the device

Standby: No identification

Charging: Lightning symbol flashing

During discharge: the lightning sign remains on

Heating: Heating icon

4. The usable time of the device

5. Current: positive charging value, negative discharging value

6. Capacity: Equipment design capacity

7. Voltage: Current voltage of the device

8. Power: The usage power of the device


9. Temperature: The average temperature of the device

10. Serial parallel number: the composition of the system

11. Single cell voltage: The voltage parameter of each cell

Shenzhen Topband Battery Co., Ltd.

Documents / Resources

 The thumbnail shows the cover of the 'TOPBAND Bluetooth APP User Manual'. At the top, it says 'TOPBAND' in a stylized font. Below that, in smaller text, is 'Bluetooth APP User Manual'. The cover is mostly white with some faint blue lines and text.	TOPBAND Bluetooth APP [pdf] User Guide Bluetooth APP, Bluetooth, APP
--	---

References

- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.