

BATTLite Round Gauge App User Manual



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You can download BATTLite by searching for it on the (iOS) App Store and (Android) Google Play, or scan the QR code below to download. For the purposes of this document, "device" and "machine" refer to round gauge.



IOS



Android

1. Function Overview

The BATTLite app helps you to check the working, status, faults, and other information of the battery system of the gauge via a Bluetooth connected device.

(I) **“Device”**: Get a comprehensive view of your device's operational status and detailed data.

1. The app offers an overview of your device, providing the SOC, operational status, voltage, current, temperature, and fault information of the device.

(II) **“More”**: You can configure your personal language, change your Bluetooth name, upgrade your device, and view company information.

Special Note: To ensure this app's functionality and security, we may need to request certain permissions from your device's operating system while it's in use. These permissions are solely for the app to work correctly, and rest assured, we do not gather or share your personal information with external parties.

2. Bluetooth Operation

Launch the App (as shown in Figure 2.1) -> Bluetooth List (as shown in Figure 2.2)

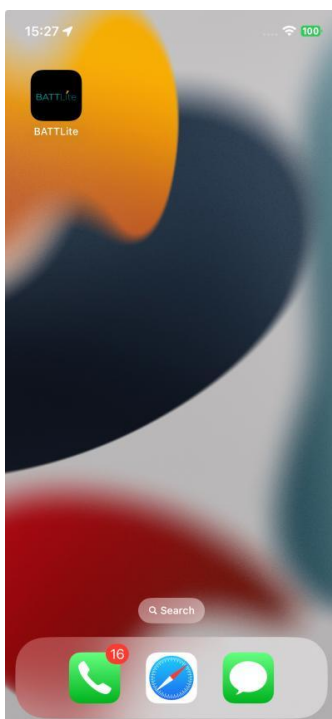


Figure 2.1 Launch App

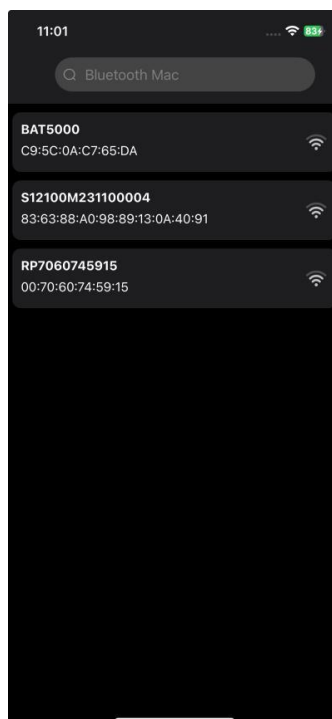


Figure 2.2 Bluetooth List



Figure 2.3 Scan Connect

2.1. Bluetooth Search and Connection

Pull to Refresh: Pull to refresh the Bluetooth device list.

Search Bluetooth: Click the top input box to enter the Bluetooth name to search for it.

Connect Bluetooth: Click BAT5000 to connect (As shown in Figure 2.2), or open the scanner with the button and scan the QR code on the device to connect. As shown in Figure 2.3.

Note: The Bluetooth name of this device starts with BAT.

3. Device

After successfully connecting to Bluetooth, you'll automatically be redirected to the Device page, as shown in Figure 3.1.

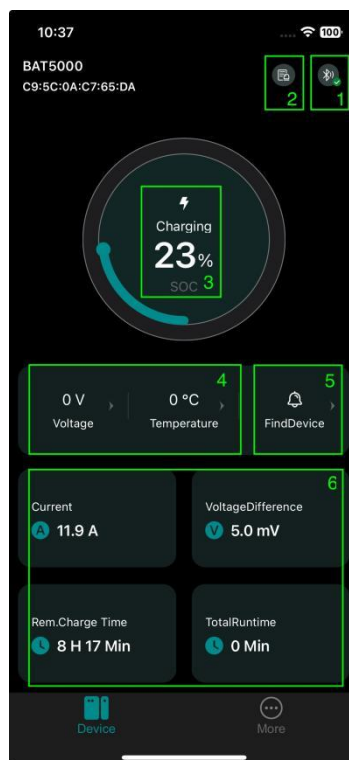


Figure 3.1 Device

3.1. Bluetooth Online Status

Display the Bluetooth Online status ( indicates connected and  indicates disconnected) of the current device, as shown in "1" of Figure 3.1.

After clicking this icon, you'll be redirected to the Bluetooth List interface (Figure 2.2).

3.2. Fault List

The current battery fault in "2" of Figure 3.1. clicking this icon, you'll be redirected to the Battery Pack Fault List interface.

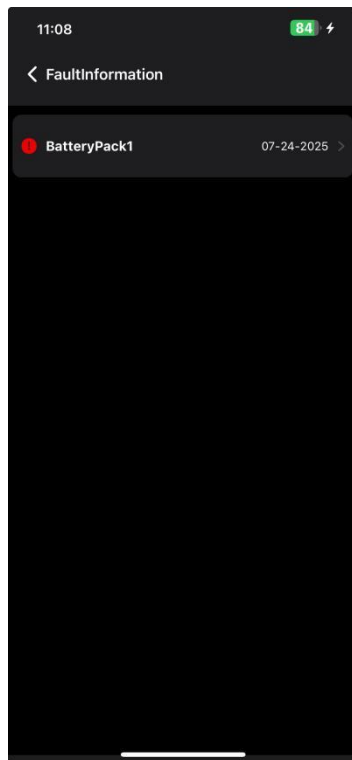


Figure 3.2.1 Fault List

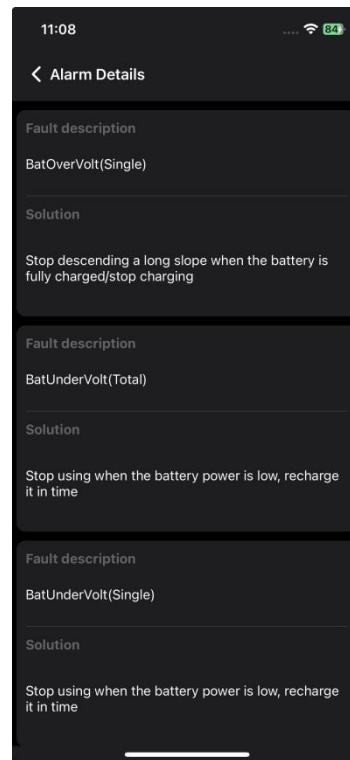


Figure 3.2.2 Fault Details

3.2.1. Fault List

Displays the current faulty battery pack, as shown in Figure 3.2.1. After clicking this icon, you'll automatically be redirected to the Fault Details interface.

3.2.2. Fault Details

displays the details of the current faulty battery pack, as shown in Figure 3.2.2.

3.3. SOC and Charging Status

Display the SOC, and charging status (charging, discharging, idle) of the current battery, as shown in "2" of Figure 3.1.

3.4. Voltage and Temperature

Display the voltage, and temperature of the current battery, as shown in "4" of Figure 3.1.

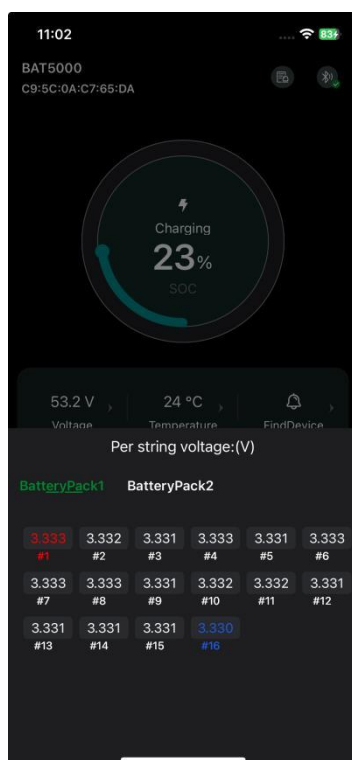


Figure 3.4.1 Cell Voltage

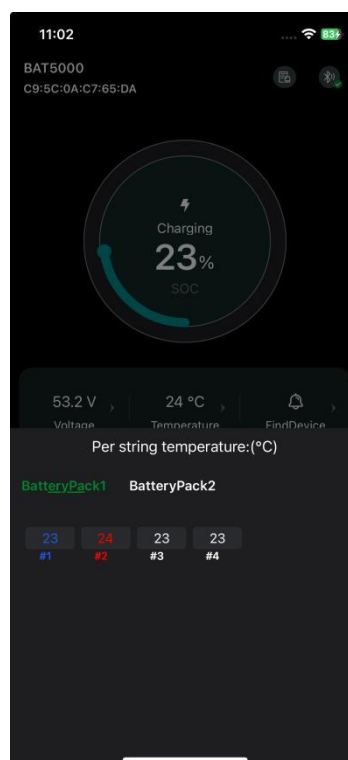


Figure3.4.2 Cell Temperature

3.4.1. Cell Voltage

Click Voltage in “4” of Figure 3.1 to view the cell voltage of the battery pack (red indicates the highest cell voltage and blue indicates the lowest cell voltage), as shown in Figure 3.4.1.

3.4.2. Cell Temperature

Click Temperature in “4” of Figure 3.1 to view the cell temperature of the battery pack (red indicates the highest cell temperature and blue indicates the lowest cell temperature), as shown in Figure 3.4.2.

3.5. Find Device

Click the FindDevice bar to trigger the beeping of the machine, as shown in “5” of Figure 3.1.

3.6. Current, Voltage Difference, Remaining Charging Time, and Total Discharging Time

Display the current, voltage difference, remaining charging time, total discharging time, of the current battery, as shown in “6” of Figure 3.1.

4. More

On the application's main page, click More, and you'll be redirected to the Profile interface (as shown in Figure 4.1), where you can select and set the app language, change the Bluetooth name, upgrade the device, and view the relevant information about BATT Lite.

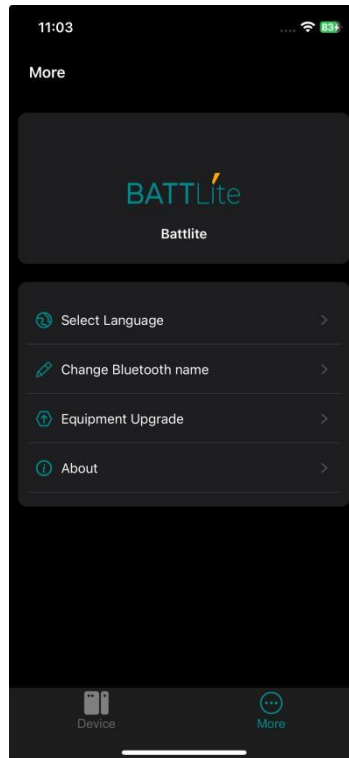


Figure 4.1 Mine

4.1. Select Language

On the More page, click Select Language, and you'll be redirected to the Select Language interface, where you can set the app language, as shown in Figure 4.1.1.

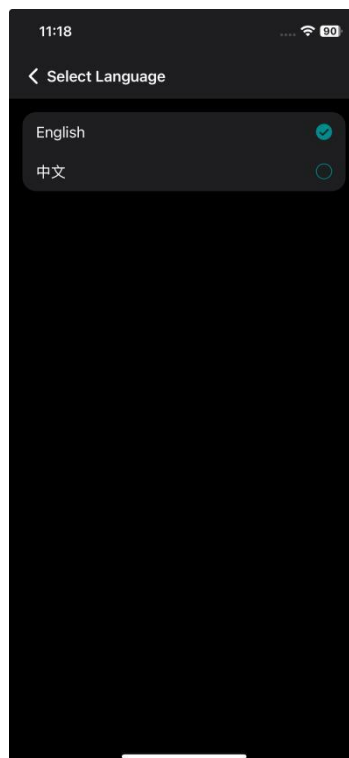


Figure 4.1.1 Select Language

4.2. Modify Bluetooth Name

On the **More** page, click **Change Bluetooth Name**, and you'll be redirected to the Modify Bluetooth Name interface, as shown in Figure 4.2.1.

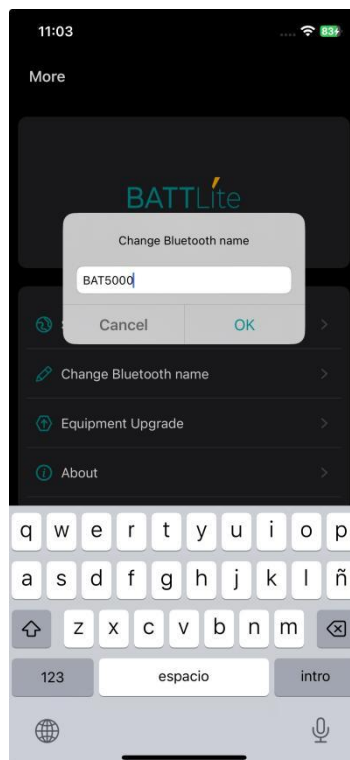


Figure 4.2.1 Modify Bluetooth Name

4.3. Device Upgrade

On the More page, click Device Upgrade, and you'll be redirected to the Device Upgrade interface. Any latest firmware (gauge and BMS) update of the server will be displayed here. You can select to upgrade as needed, as shown in Figure 4.3.1.

Note: Please do not disconnect the Bluetooth during the upgrade process. Keep your phone and the gauge within 3 meters of each other.

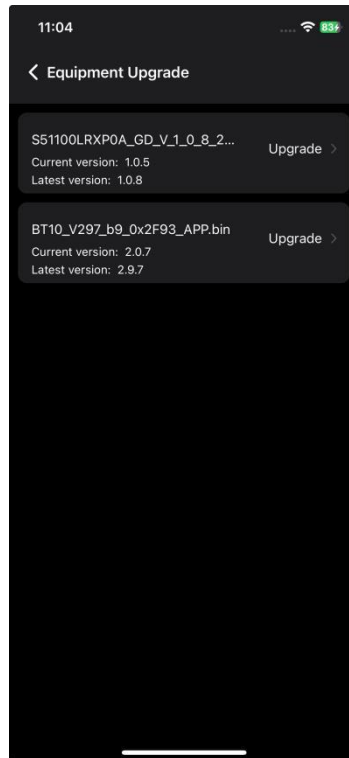


Figure 4.3.1 Device Upgrade

4.4. About

On the More page, click About, and you'll be redirected to the BATTLite Information and App Version Information interface, as shown in Figure 4.4.1.

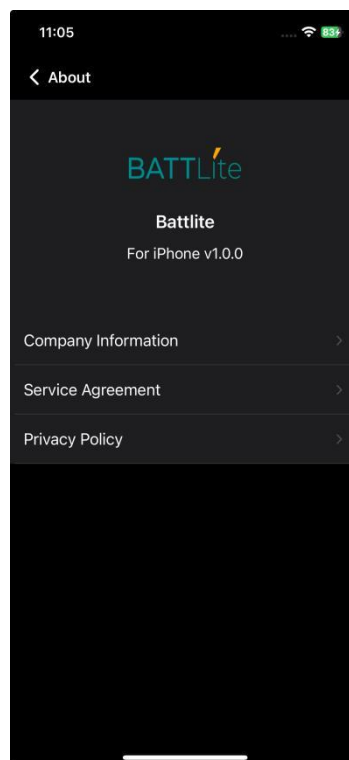


Figure 4.4.1 About

4.4.1. Company Information

Click the Company Information column to enter BATTLite official website, as shown in Figure 4.4.2.



Figure 4.4.2 Company Information

4.4.2. Service Agreement and Privacy Policy

Click the Service Agreement column to view the services and service information provided by the software, as shown in Figure 4.4.3.

Click the Privacy Policy column to view information about the specific permissions and purposes for which this software obtains permissions during installation and use, as shown in Figure 4.4.4.

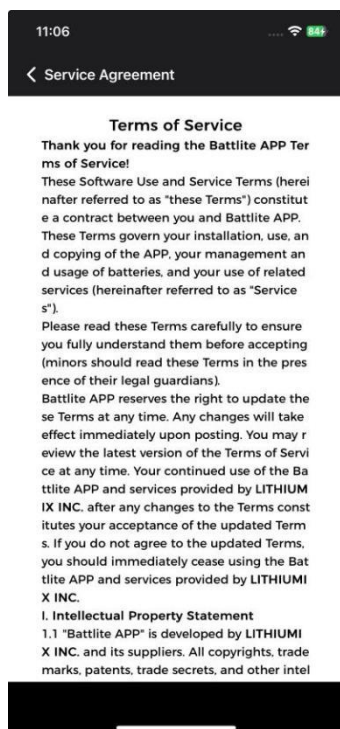


Figure 4.4.3 Service Agreement

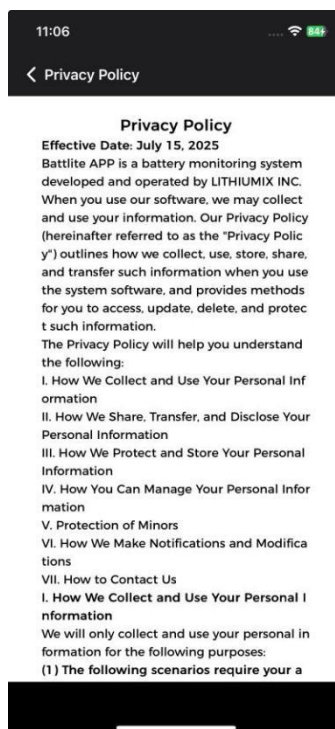


Figure 4.4.4 Privacy Policy

THANKS!

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