

LITHIUM BATTERY BLUETOOTH APP

USER MANUAL

I. Introduction

The APP mainly displays: lithium battery voltage, current, capacity, temperature and other curves, charge and discharge switch control, SOC, battery voltage, Charge and discharge current, protection status, basic parameters, etc.



(IOS-client)



(Android-client)

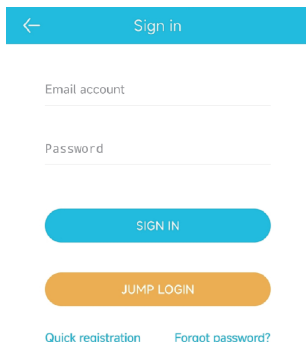
Scan the QR code, skip to the download address, and follow the instructions to complete the download and installation.

II. Operating environment

Android5.0/IOS10.0 or above, can be used on devices that support Bluetooth 4.0, and can be run after obtaining Bluetooth and GPS license.

III. APP User Guide

1. Registering and Login



← Sign in

Email account

Password

SIGN IN

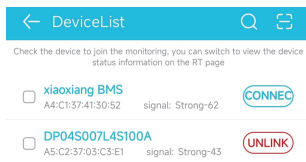
JUMP LOGIN

[Quick registration](#) [Forgot password?](#)

(Registering and Login interface)

After the successful installation of XiaoXiangElectric APP, open the APP, allow Bluetooth to open to get location information. Enter your email address to register and login.(Or skip registration and login for now.)

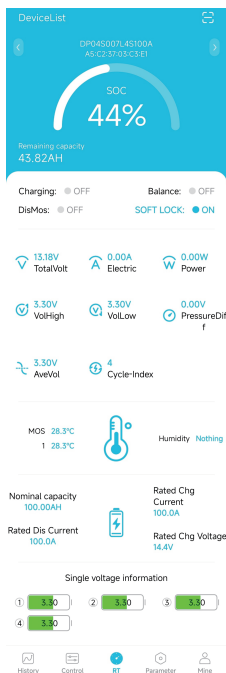
2. Connect the Bluetooth



(Device List interface)

After successful login or skip login, the App will show DeviceList interface, from the interface you can view all connectable Bluetooth devices. Scan the QR code on the battery through the scanning function in the upper right corner of the App interface to connect.

3. Real-Time interface



3.1. Capacity information: Only the battery SOC percentage and remaining capacity are displayed when it is static; the estimated full time is displayed when charging; the estimated emptying time is displayed when discharging.

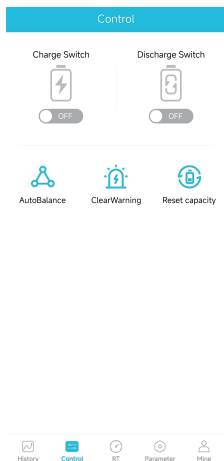
3.2. Switch and protection status: The current status of the charge and discharge switch is displayed, when the switch is turned on, it is on, otherwise it is off; the balance status display, the balance is turned on, it is on, and vice versa; the protection status display, when the protection board triggers the protection threshold or manual control. When charging and discharging, the protection state displays the corresponding protection state, and it displays off when the protection state is not triggered.

3.3. Battery information: Total voltage, current, power, maximum single-cell voltage, minimum single-cell voltage, average voltage, voltage difference, cycle times, read or calculated through the protection board, and the above data is displayed on the APP.

3.4. Temperature and humidity: The MOS temperature is the ambient temperature of the protection board, the others are the external NTC temperature, and the temperature of the cell is detected; the humidity is the ambient humidity, which needs to be installed with a humidity probe to display.

3.5. Single string voltage: Single string cell voltage, the protection board collects cell information, the highest voltage is displayed in green, the middle value is displayed in blue, and the lowest voltage is displayed in gray.

4. Control interface



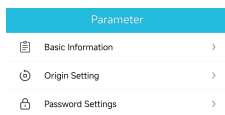
4.1. Charge and discharge switch: Through the APP, you can directly control the charge and discharge switch to open or close, and control the charging/discharging of the battery.

4.2. Automatic equalization: The equalization function is forced to be turned on. When it is turned on successfully, the real-time interface equalization status will be displayed.

4.3. Clear alarm: Clear alarm data.

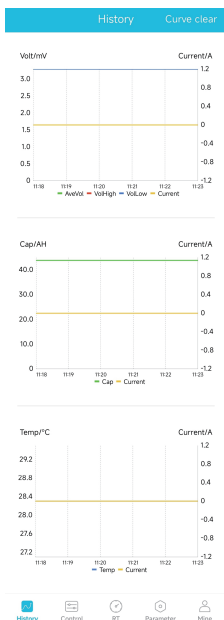
4.4. Reset capacity: Re-estimate the remaining capacity through the current voltage value.

5. Parameter interface



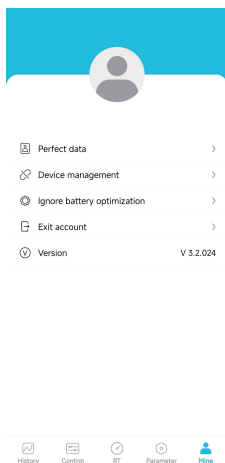
All parameters are set at the factory, so there is no need to make any adjustments on this page.

6. History Interface



Through this Interface we can view the curve relationship between voltage, capacity, temperature and current in the last 5 minutes.

7. My Interface



My Interface allows the user to perfect the personal information such as phone number, email address, etc. and manage the devices, as well as logging out of the account.