

# Bluetooth & WiFi Platform User Manual

## 1. Download and Install the App(XR-BMS)

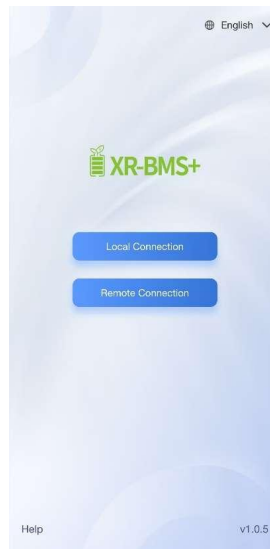
### Android Device

Scan the QR code to download and install the app.

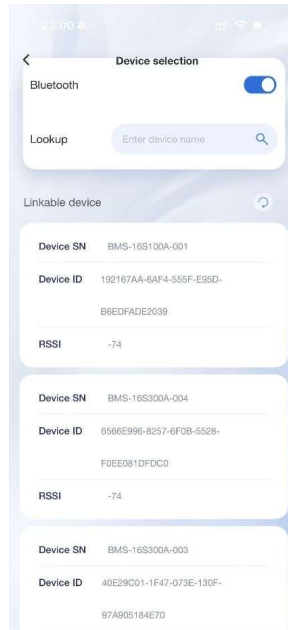


## 2. Searching for and Connecting Bluetooth Devices

1. Open the Installed App, Go to the Local Connection Interface, and Then to the Bluetooth Device Search Page.



**2. Select the Bluetooth Device SN to Connect from the Search Results, Then Click to Complete Pairing and Connection.**



### **3. Battery Data View**

**Once Bluetooth connects successfully, the app opens the main interface automatically.**

**View all core battery data and monitor real-time status.**

#### **Settings Interface**

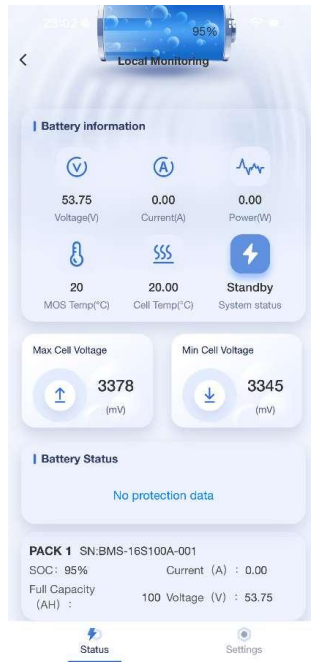
**Access all device parameters: BMS parameters, BMS status, and editable settings.**

#### **Switching Subinterfaces**

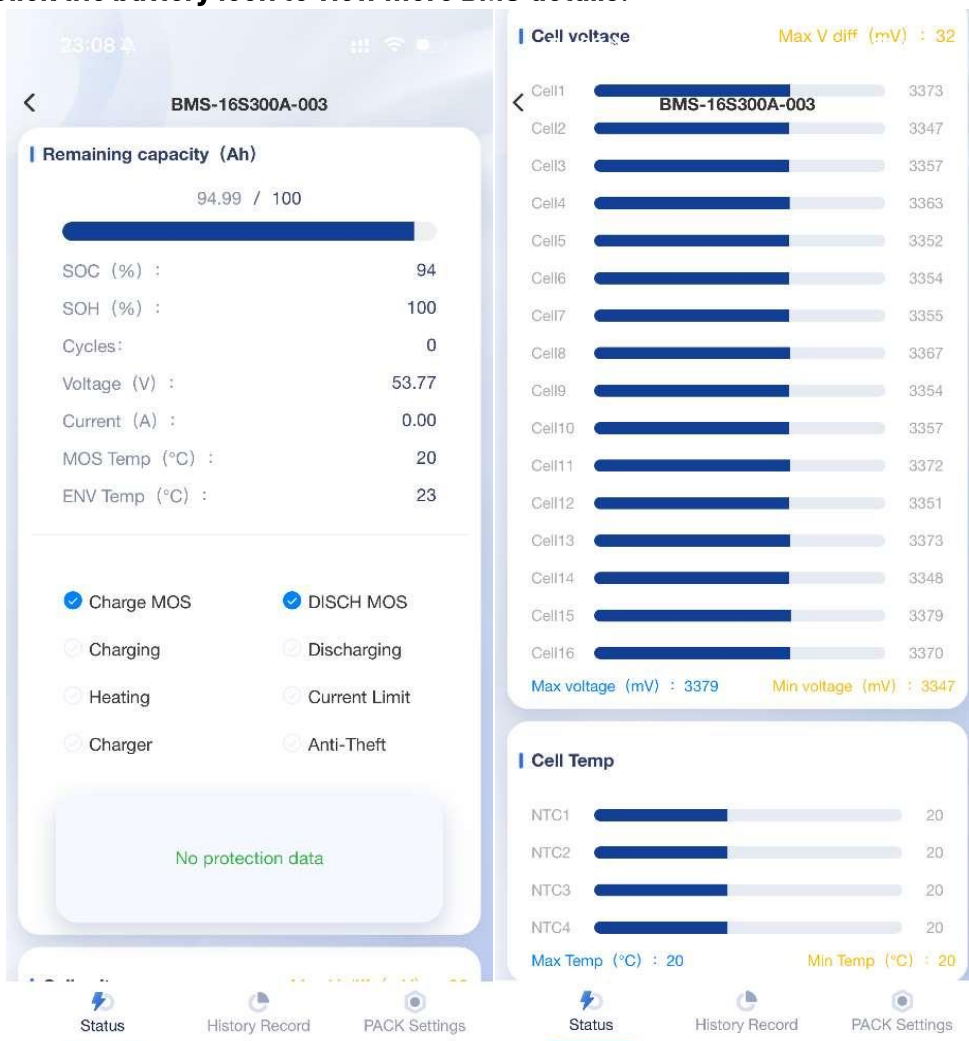
**Tap the top tab to switch directly to a subinterface.**

**If all tabs aren't visible, swipe left to see more options, then tap to enter.**

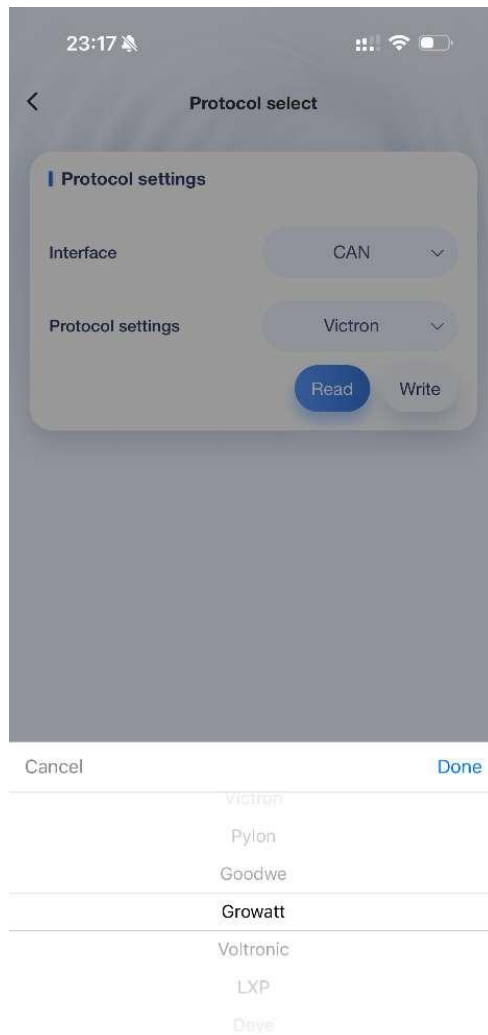
**BMS Parameter Settings: No Available**



Click the battery icon to view more BMS details:



## Protocol selection:



## 6. WiFi Configuration

After connecting to a networked WiFi hotspot, the configuration module can transmit BMS data to the server platform, enabling remote monitoring and control of the battery.

### 1. Interface Basic Information

**WiFi Name:** Displays the saved WiFi hotspot name. If empty, no saved information is available.

**WiFi Password:** Displays the saved WiFi hotspot password. If empty, no saved information is available.

**Module Network Status:** Displays the current WiFi connection status of the module in real time at the bottom of the interface.

**Key note:** **The WiFi Module only supports 2.4GHz WiFi Connection.**



## WIFI network settings

Configuration name:

Configuration password:



WIFI connect ok

H-2.4G

88888888

Configuration

Read



Add
✕

**\* Project Group** BS-WORLD

**\* Device ID** =Bluetooth Name

**Station Name** Input Site Name

**Device Description** Input Description

Cancel
Confirm

Device Details
English BS US

Real-time Information
数据统计
Alarm
History Data
Device Setting
Running Trajectory
Message Reporting Settings

Device: 8600000000000

**Station Name:**  
**Battery Code:** BS-16S280AH-001  
**Update Date:** 2026-03-11 16:49:52

SOC:  79%

Charge MOS	<input checked="" type="checkbox"/>	Discharge MOS	<input checked="" type="checkbox"/>	Balancing Status	<input type="checkbox"/>
Current Current	0.00 A	Current Voltage	53.33 V	Current Power	0.00 W
Standard Capacity	314.00 AH	Remaining Capacity	250.27 AH	Cycle Count	1 Times

**Base Info**

Signal	Value	Unit	Update Date
Total voltage	53.33	V	2026-03-11 16:49:51

Box Temperature: 26.0°C    Battery Max Temperature: 24°C    Power Tube Temperature: 24.0°C

Max Voltage: 3334mV    Min Voltage: 3333mV    Pressure Difference: 1mV

[1] 3333mV	[2] 3333mV	[3] 3334mV	[4] 3334mV	[5] 3333mV
[6] 3334mV	[7] 3334mV	[8] 3334mV	[9] 3333mV	[10] 3334mV
[11] 3334mV	[12] 3333mV	[13] 3333mV	[14] 3333mV	[15] 3333mV
[16] 3333mV				

Device ID	Alarm Description	Start Time
No Data		