VESTWOODS RESIDENTIAL ENERGY STORAGE
BLUETOOTH APP GUIDE

1 Download

Scan the QR code or search for the APP 'VESTWOODS PRO' to download it.

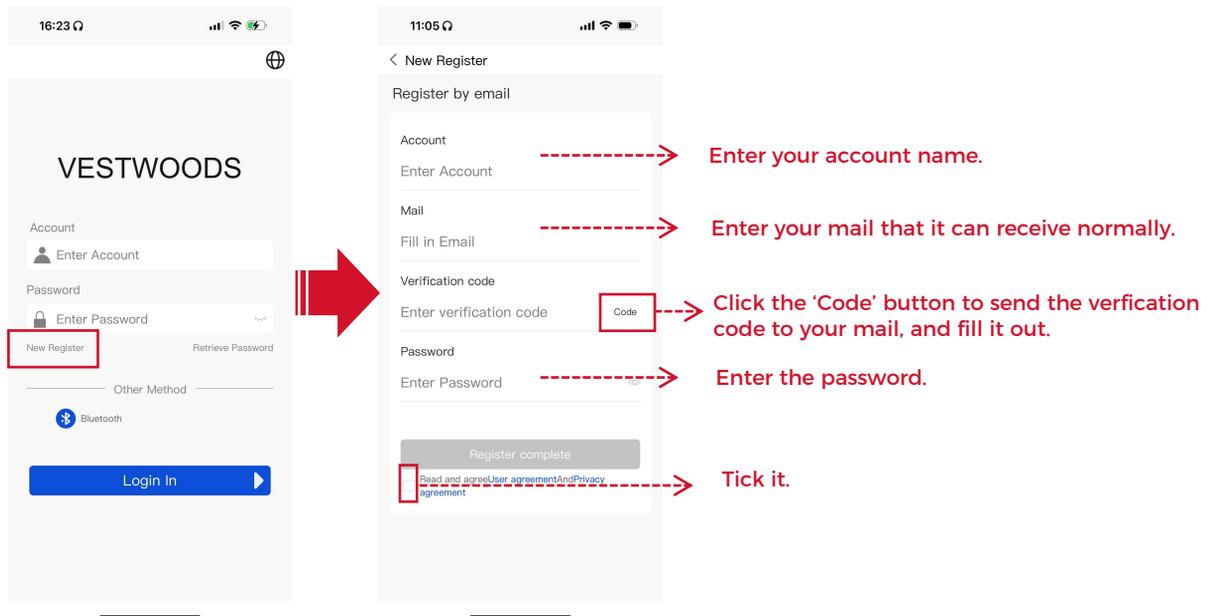## 2 Registration

NOTE：

◎ If you ONLY want to check the battery information, registration is not required.

Step 1. Click the '**New Register**' to bulid a new account.
**Step 2.** Fill all information out.
Step 3. Click the '**Register complete**' button to finish the registration.

Enter your account name.

Enter your mail that it can receive normally.

Click the 'Code' button to send the verfication code to your mail, and fill it out.

Enter the password.

Tick it.

3 Battery Connection

Before any operation, connect the bluetooth firstly.

Step 1. Start-up the APP and then click the ' 🔵 Bluetooth ' icon to connect the battery.
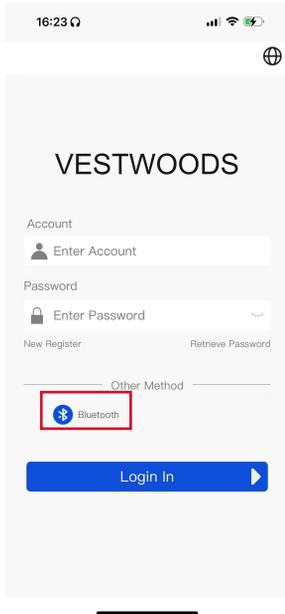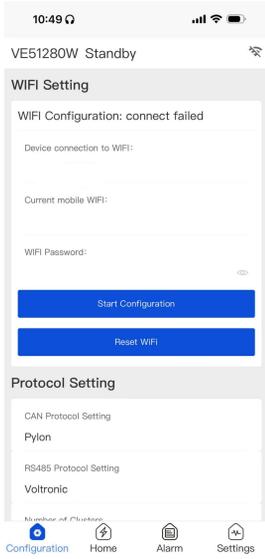

Step 2. There are two ways to connect battery.
① Click the '**Scan and connect**' button, and then scan the **QR code** on the side of the battery.
② Click the '**Manual Connection**' button, and then search for the **battery BMS S/N.** to connect.

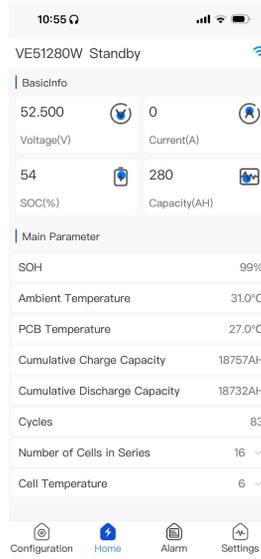25110V25052687750002 ---> Battery S/N.

---> QR Code

VW1642K243J0577 ---> BMS S/N.
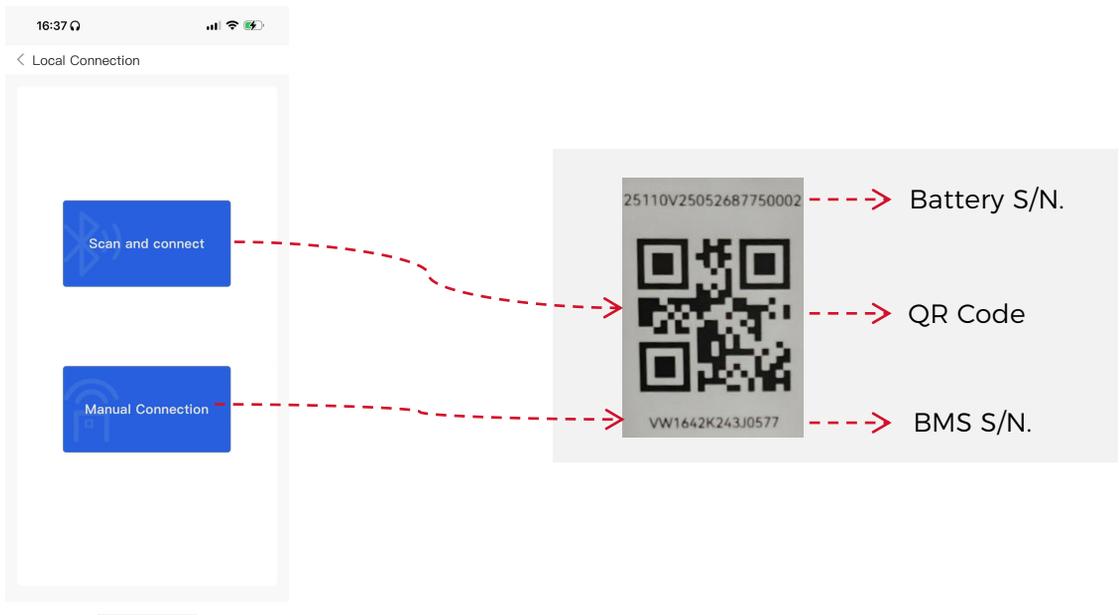
4 UI Overview

CONFIGURATION PAGE

You can configure the device's WiFi connection and communication protocols on this page.

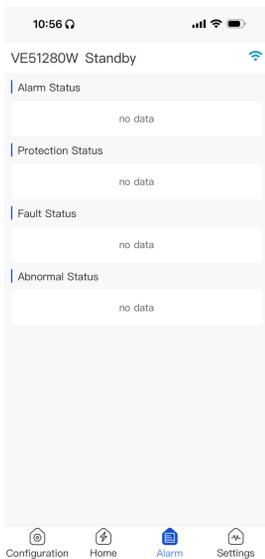| 10:49	
VE51280W Standby	
WIFI Setting	
WIFI Configuration: connect failed	
Device connection to WIFI:	
Current mobile WIFI:	
WIFI Password:	
Start Configuration	
Reset WiFi	
Protocol Setting	
CAN Protocol Setting	
Pylon	
RS485 Protocol Setting	
Voltronic	

Configuration　Home　Alarm　Settings

HOME PAGE

You can check the information of the battery in real-time.

10:55	
VE51280W Standby	
BasicInfo	
52.500 Voltage(V)	0 Current(A)
54 SOC(%)	280 Capacity(AH)
Main Parameter	
SOH	99%
Ambient Temperature	31.0°C
PCB Temperature	27.0°C
Cumulative Charge Capacity	18757AH
Cumulative Discharge Capacity	18732AH
Cycles	83
Number of Cells in Series	16 ∨
Cell Temperature	6 ∨

Configuration　Home　Alarm　Settings

ALARM PAGE

If there is any alarm or faulty, you can check it on this page.

10:56	
VE51280W Standby	
Alarm Status	
no data	
Protection Status	
no data	
Fault Status	
no data	
Abnormal Status	
no data	

Configuration　Home　Alarm　Settings

SETTINGS PAGE

You can view the basic information of the battery, and upgrade the software and modify some parameters on this page.

10:56	
VE51280W Standby	
DeviceInfo	
Software Version	1.04
Hardware Version	1641
Device Model	VE51280W
Manufacture Date	2024-1-23
Serial Number	VM1641K241P0088
Manufacturer	
CAN Protocol	Pylon
Protection Parameter Settings	>
Software Upgrade	>
Logout	

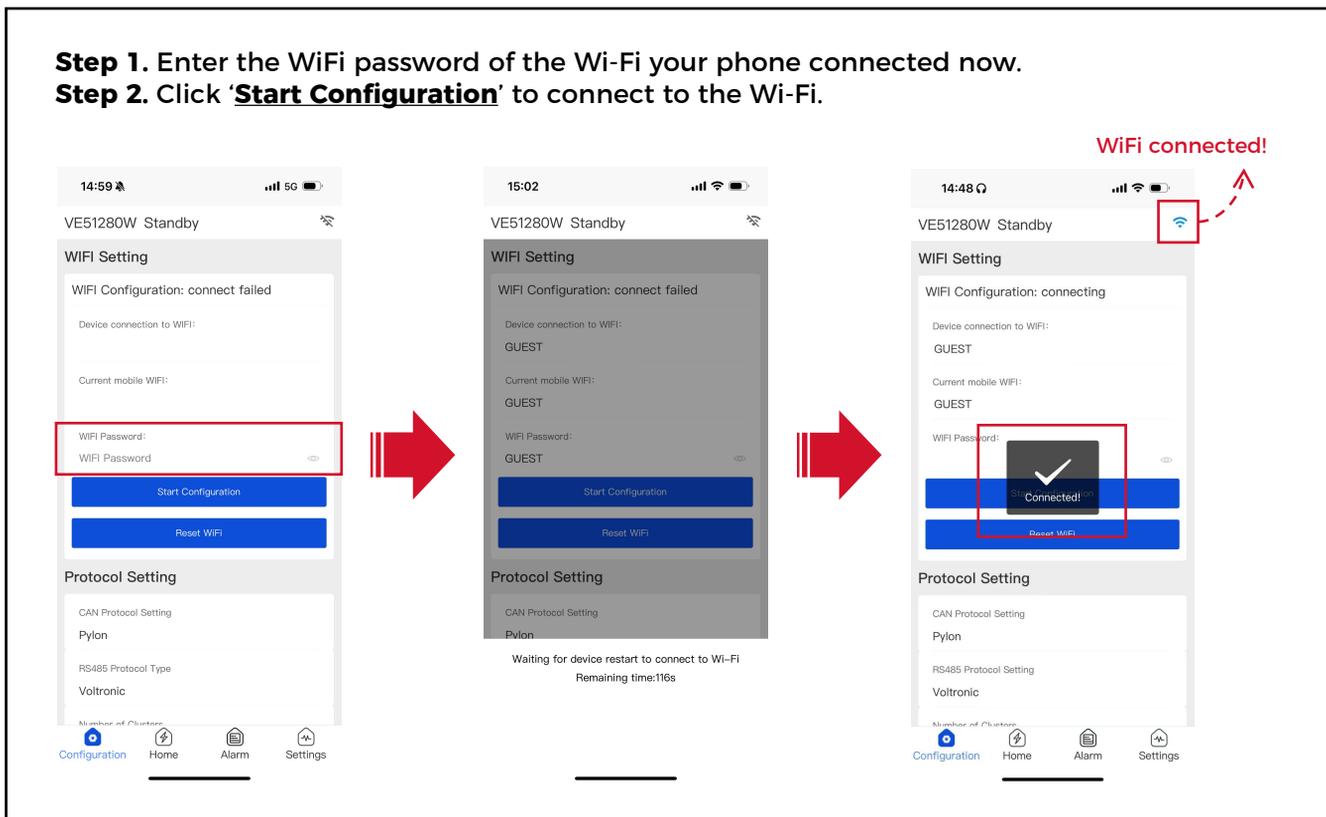Configuration　Home　Alarm　Settings
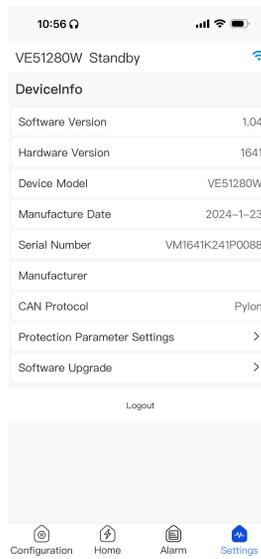
5 Wi-Fi Configuration (Optional)

NOTE:

◎ If the battery is within the Wi-Fi network coverage, and you want to monitor the battery remotely, please proceed the following Wi-Fi- configuration.

Step 1. Enter the WiFi password of the Wi-Fi your phone connected now.
Step 2. Click '**Start Configuration**' to connect to the Wi-Fi.

WiFi connected!

NOTE:

◎ :When the Wi-Fi icon turns blue, it means the WiFi connection is established.

◎ :When the Wi-Fi icon turns gray, it means the WiFi connection is lost.

⚠ **ATTENTION:**

◎ If you are unable to connect to Wi-Fi, please check the Wi-Fi signal strength or try another one.

6 Protocol Setting

A default protocol is pre-configured before factory out. If you need to use with a different inverter, please select the corresponding protocol before use.

Step 1. Go to the '**Configuration**' page.
Step 2. According to the inverter brand and model to set '**CAN protocol setting**' or '**RS485 protocol setting**'.
Step 3. Click '**Done**' to complete the protocol setting.

⚠ **ATTENTION**：

◎ Before changing the protocol, ensure you know the correct one compatible with your inverter. If you are not sure, please contact the Vestwoods team or your supplier for assistance. Incorrect protoocl will cause the communication loss between battery and inverter.
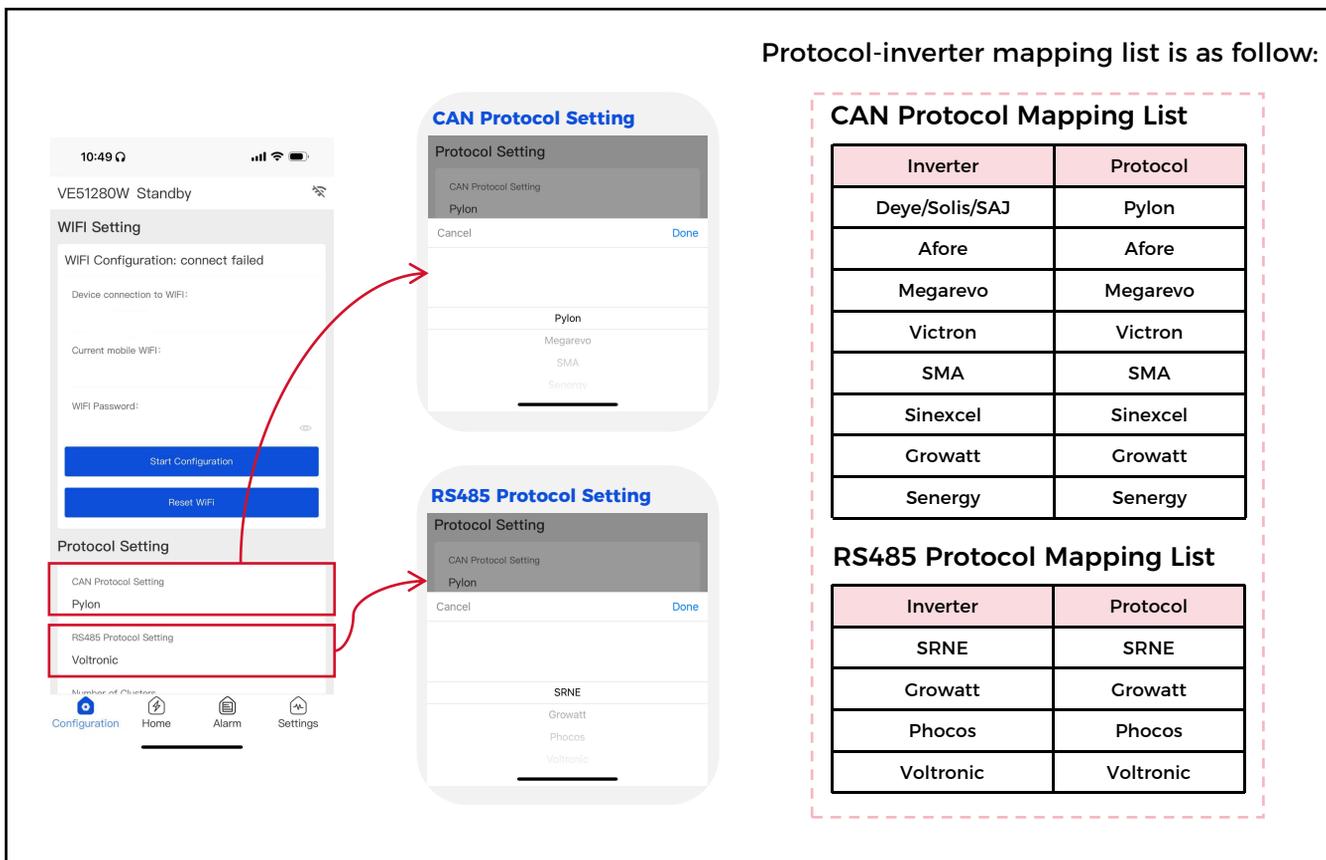
Protocol-inverter mapping list is as follow:

CAN Protocol Mapping List

Inverter	Protocol
Deye/Solis/SAJ	Pylon
Afore	Afore
Megarevo	Megarevo
Victron	Victron
SMA	SMA
Sinexcel	Sinexcel
Growatt	Growatt
Senergy	Senergy

RS485 Protocol Mapping List

| Inverter	Protocol
SRNE	SRNE
Growatt	Growatt
Phocos	Phocos
Voltronic	Voltronic

7 Software (Firmware) Upgrade

Step 1. Go to the '**Settings**' page and click the '**Software Upgrade**' button.
Step 2. After entering the '**admin**' password, click the '**Software Upgrade**' button again.
Step 3. Click the '**Download File**' button to download the firmware, then click the '**Start Upgrade**' button to begin the upgrade process.
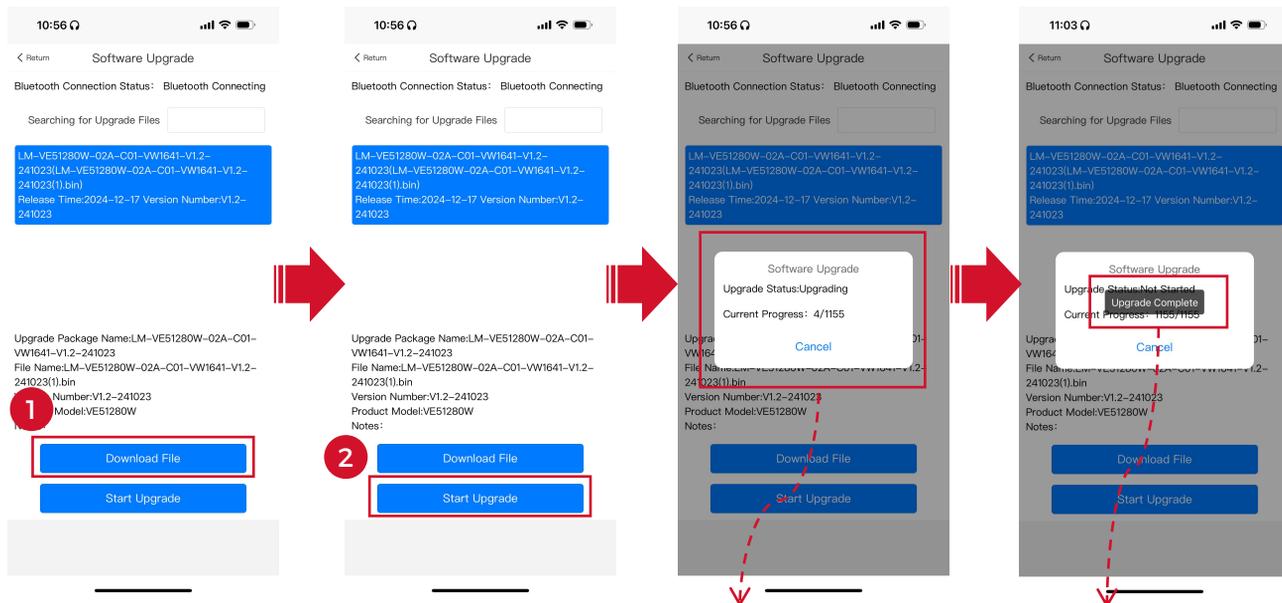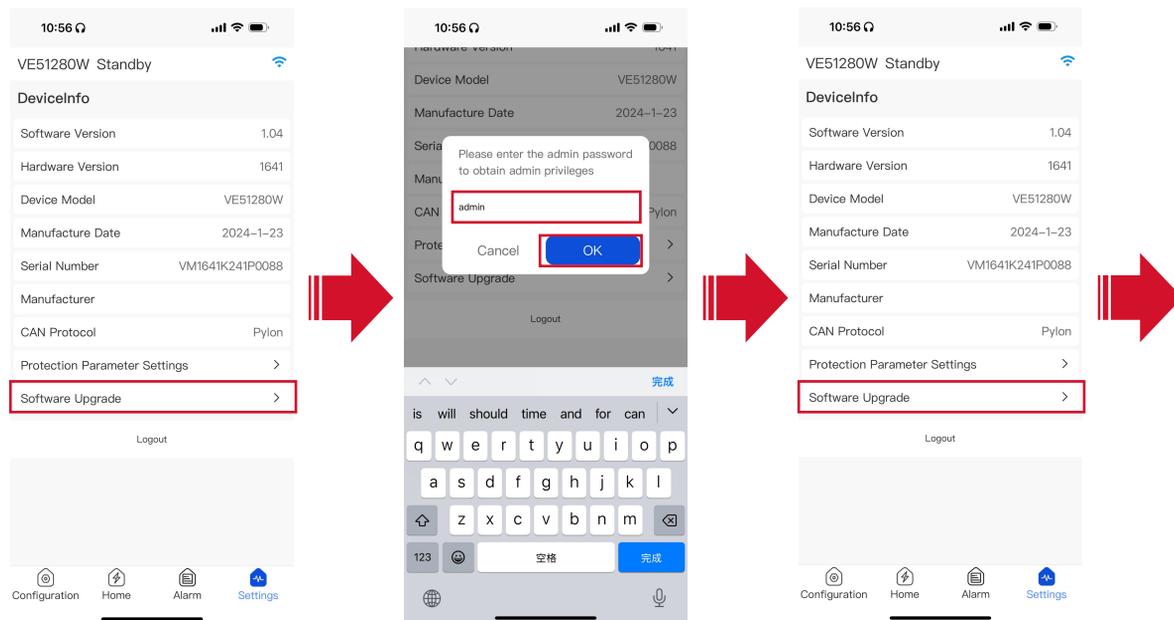

Wait for a few minutes to finish upgrading

Complete upgrading！

NOTE：

◎ Bluetooth connection stability can be affected by environmental factors. If the Bluetooth connection is disconneted during the upgrade process, please reconnect and try the upgrade again.

◎ After upgrading completely, the bluetooth will be disconnected. Please reconnect the battery after upgrading.
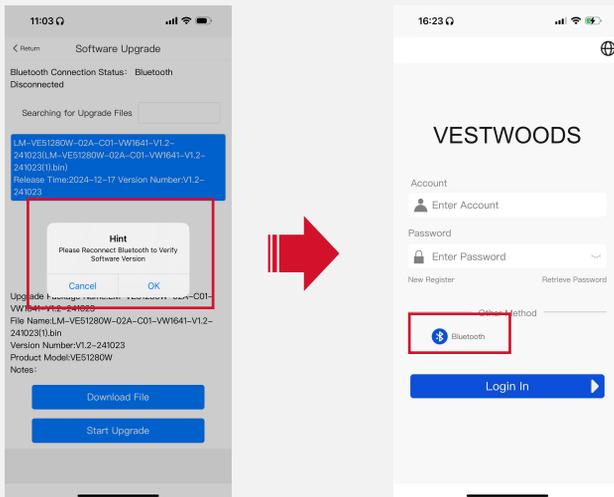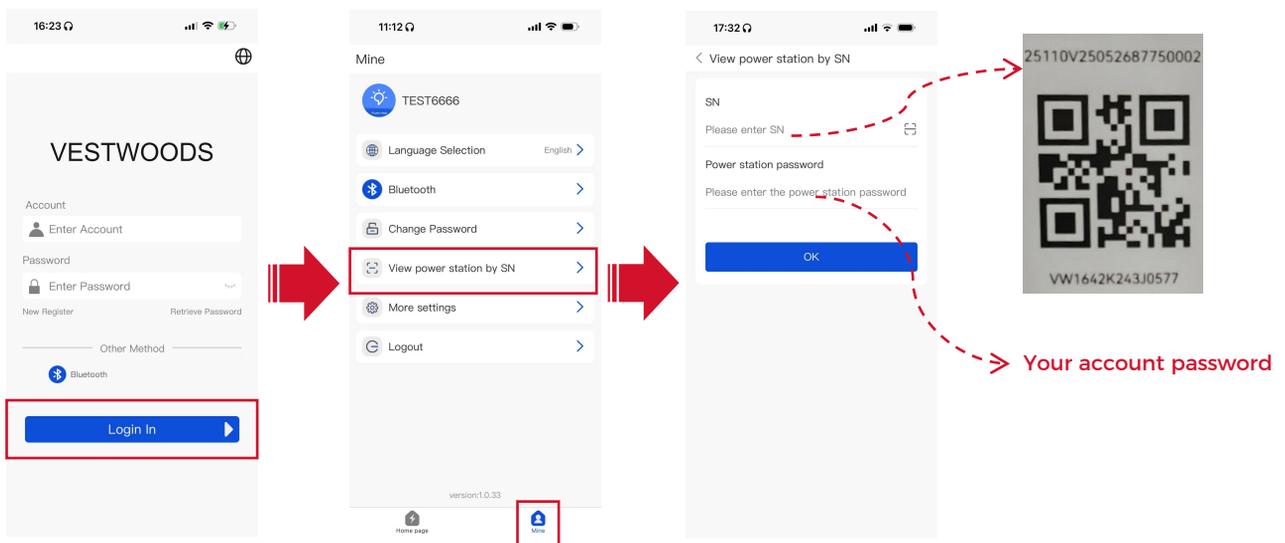

8 Remote Check (For end user)

NOTE：

◎ Please ensure the battery is connected to Wi-Fi first and ensure that you have already added the battery to your power station(Refer to the Section 10.).

Step 1. Login in and go to the "**Mine**" page.
Step 2. Click the '**View power station by SN**' and enter the password of your account.

Your account password
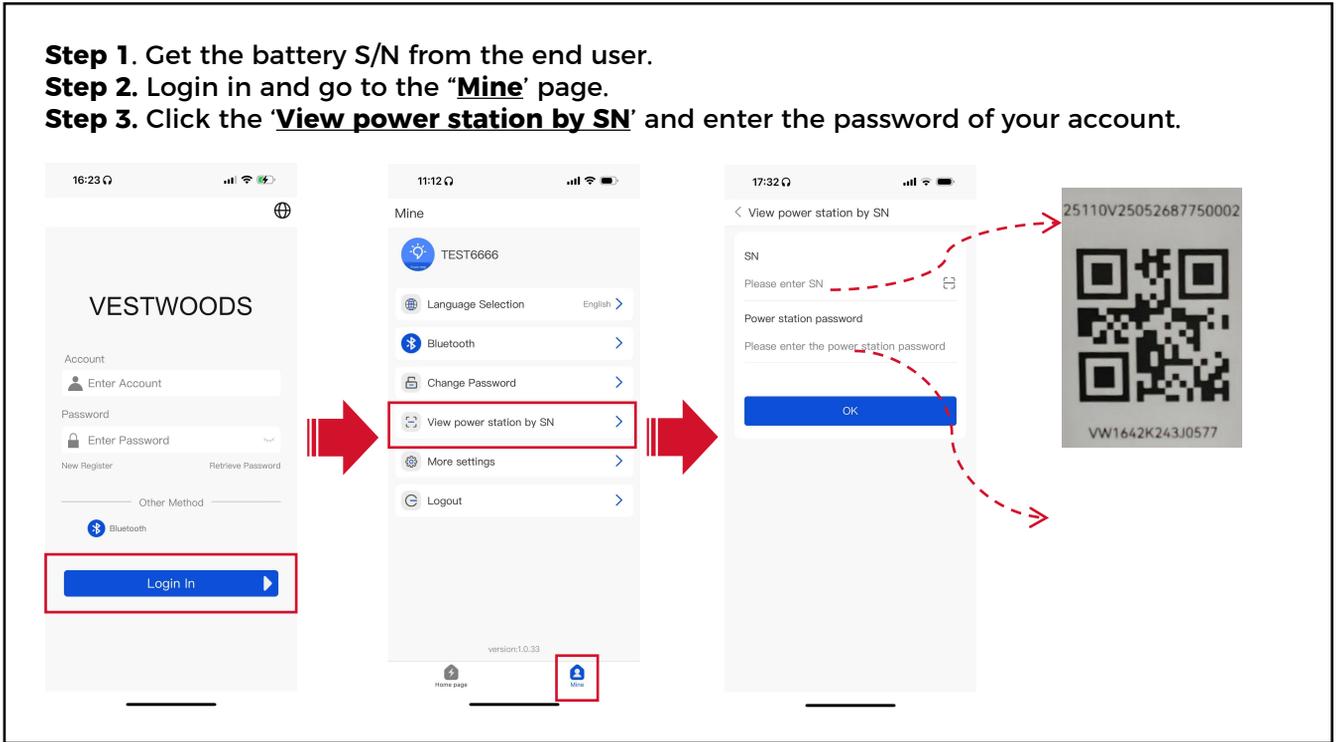
9 Remote Check (For Authorized Dealer)

NOTE：

◎ To ensure authorized dealers can operate with full access, VESTWOODS will provide a dedicated dealer account.

Step 1. Get the battery S/N from the end user.
Step 2. Login in and go to the "**Mine**' page.
Step 3. Click the '**View power station by SN**' and enter the password of your account.

10 Add Battery to Your Power Station (For End User)

NOTE:

◎ This part is necessary for end user to check the status of the battery remotely. If the end user won't monitor the battery remotely, please skip this part.

Step 1. Login in and go to the '**Home**' page.
Step 2. Click '**Add power station**' .
Step 3. Scan the **QR code** on the side of the battery to add the battery to your power station.