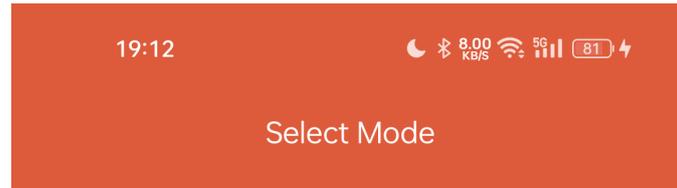


# **APEX ANDROID VERSION INSTRUCTIONS**

## 1. Mode Selection

- On the homepage of the app, you can choose between pure local Bluetooth mode and WiFi remote connection mode. Selecting Bluetooth mode will directly enter the details of the last connected device, while selecting WiFi mode will prompt you to log in to your account.



Select the mode you want to use

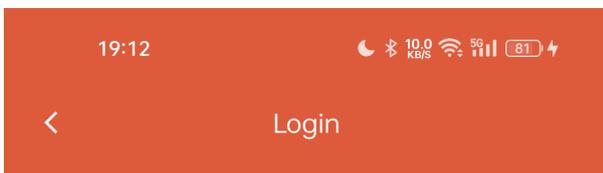


## 2. WiFi account login/registration

### 2.1 Login

You can choose to log in using your mobile phone number or email. (Note: Accounts are country-specific and accounts in different countries/regions cannot be used interchangeably)

Click "Login" to log in, click "Sign Up" to register a new account, and click "Forgot Password?" if you forget your password.



Apex Solar

Phone  Email

Phone Number

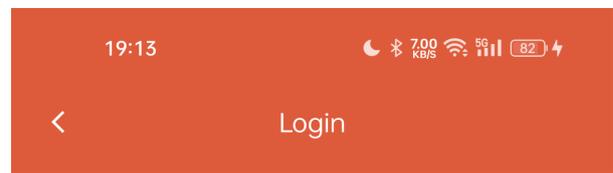
+86 ▾

Password 

[Forgot Password?](#)

Login

Sign Up



Apex Solar

Phone  Email

Country

China ▾

Email

Password 

[Forgot Password?](#)

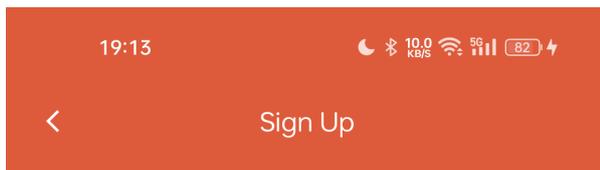
Login

Sign Up

## 2.2 Registration

You can also choose to use your mobile phone number and email to register an account. (Note: Accounts are divided by country/region, and accounts in different countries/regions cannot be used interchangeably)

After entering your mobile phone number or email, you can click "Send Verify Code" to obtain a verification code, which is valid for 30 minutes. After entering the information, click "Sign Up" to register.



Apex Solar

Phone    Email

Phone Number

+86 ▾

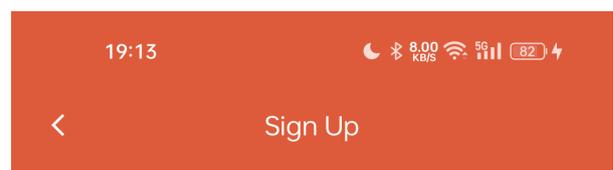
Password 

Confirm Password 

Verify Code

**Send Verify Code**

**Sign Up**



Apex Solar

Phone    Email

Country

China ▾

Email

Password 

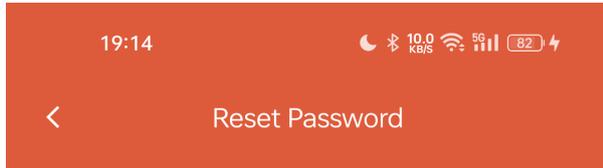
Confirm Password 

Verify Code

**Send Verify Code**

## 2.3 Reset Password

The password reset operation is basically the same as registration. First fill in your mobile phone number or email, then get the verification code, fill in your new password and click "Reset Password"



Apex Solar

Phone  Email

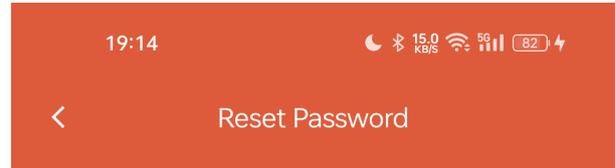
Country  
China ▾

Email

New Password

Confirm Password

Verify Code



Apex Solar

Phone  Email

Phone Number  
+86 ▾

New Password

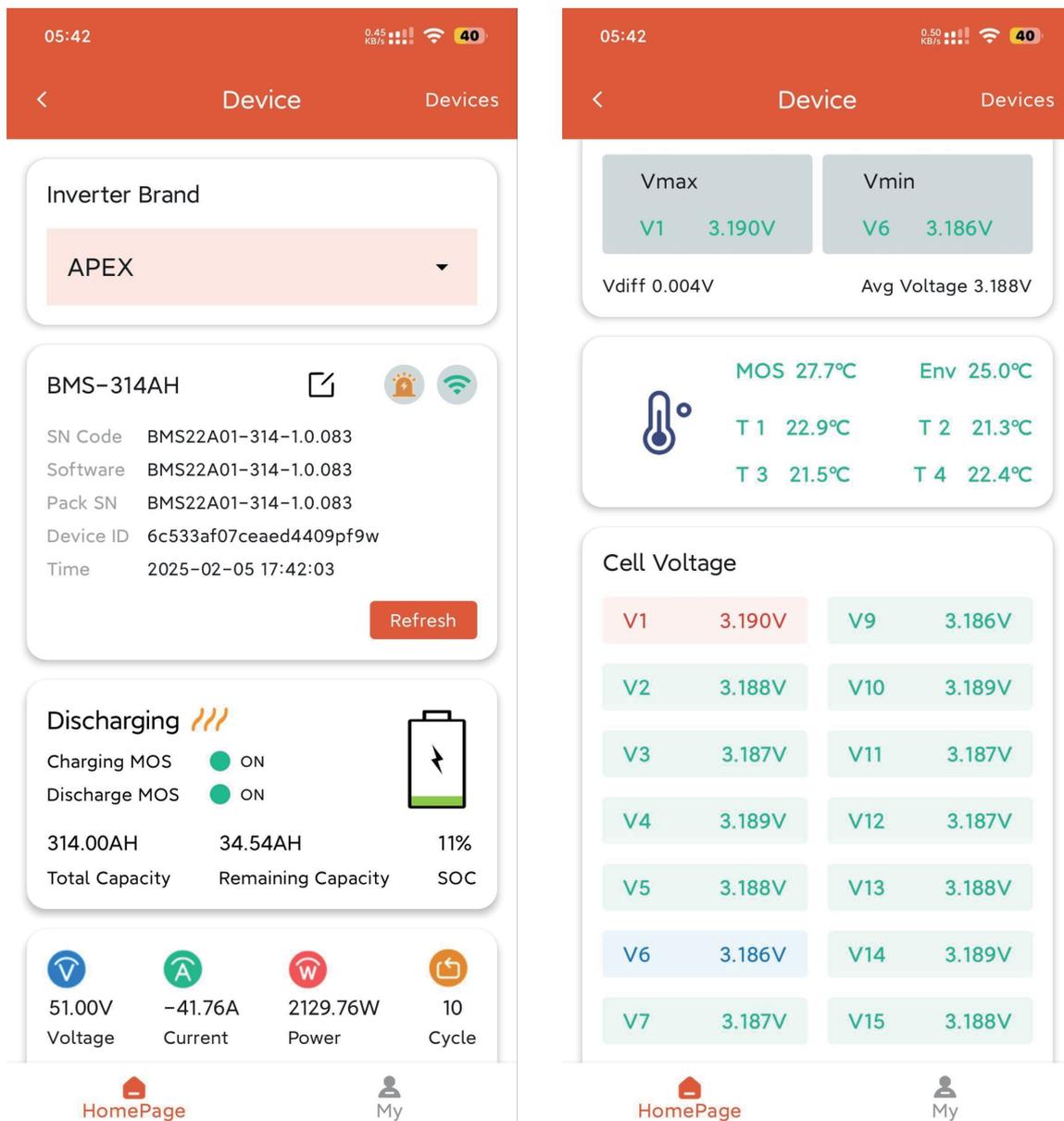
Confirm Password

Verify Code

## 3. Device Details

### 2.1 Login

The device details page is divided into inverter brand selection, basic device information, charge and discharge information, voltage and current information, temperature information, and battery cell voltage information from top to bottom. Among them, the inverter brand selection automatically selects the corresponding CAN or 485 protocol according to the brand. The device name can be edited in the basic information section. The warning or protection status is displayed in the upper right corner. Orange indicates warning, red indicates protection, and gray indicates normal. You can click the icon to view detailed information.



**Device**

Inverter Brand: APEX

BMS-314AH

SN Code: BMS22A01-314-1.0.083

Software: BMS22A01-314-1.0.083

Pack SN: BMS22A01-314-1.0.083

Device ID: 6c533af07ceaed4409pf9w

Time: 2025-02-05 17:42:03

Refresh

Discharging 🔥

Charging MOS: ON

Discharge MOS: ON

314.00AH Total Capacity

34.54AH Remaining Capacity

11% SOC

51.00V Voltage

-41.76A Current

2129.76W Power

10 Cycle

HomePage My

**Device**

Vmax V1 3.190V

Vmin V6 3.186V

Vdiff 0.004V Avg Voltage 3.188V

MOS 27.7°C Env 25.0°C

T 1 22.9°C T 2 21.3°C

T 3 21.5°C T 4 22.4°C

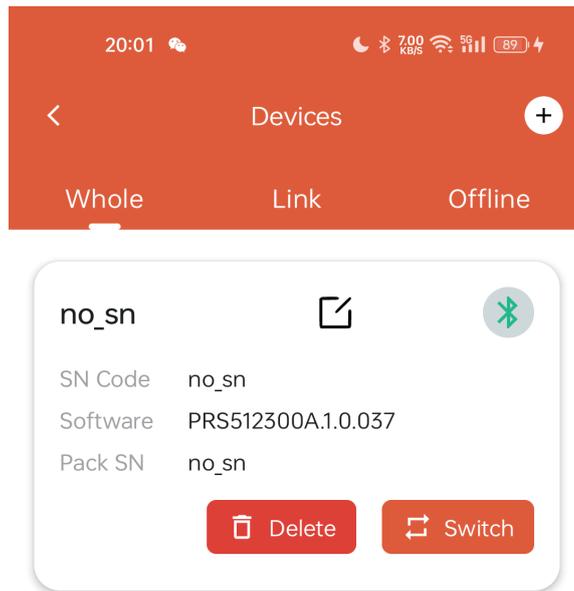
Cell Voltage

|           |            |
|-----------|------------|
| V1 3.190V | V9 3.186V  |
| V2 3.188V | V10 3.189V |
| V3 3.187V | V11 3.187V |
| V4 3.189V | V12 3.187V |
| V5 3.188V | V13 3.188V |
| V6 3.186V | V14 3.189V |
| V7 3.187V | V15 3.188V |

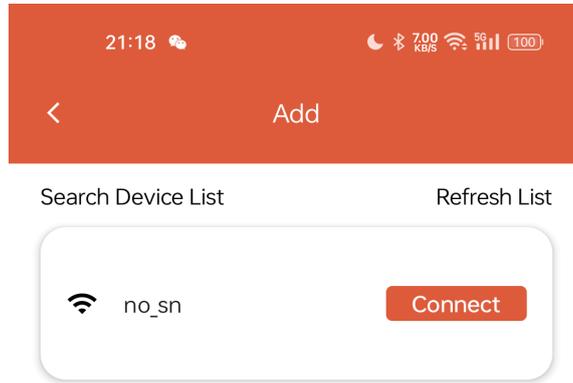
HomePage My

## 4. Device Management

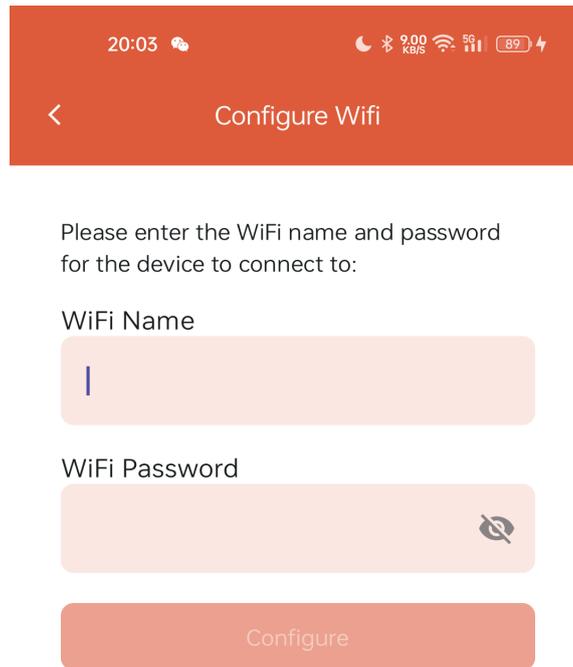
Click "Devices" in the upper right corner of the device details page to enter the device list interface, where you can filter connected devices and offline devices. Click "Delete" to delete the device, and click "Switch" to switch the device to the device details page. Click the plus button in the upper right corner to add a new device.



On the Add Device interface, scan nearby devices that meet the connection conditions and click the "Connect" button to connect the device. If the current mode is Bluetooth, you can view the device details after the Bluetooth connection is successful.



The device network configuration interface requires you to enter the WiFi name and password that the device needs to connect to. The current WiFi mode only supports connecting to 2.5GHz WiFi, not 5GHz WiFi. Click the "Configure" button to configure the network, wait for the prompt that the configuration is complete, and then automatically exit the network configuration interface.



20:03

9.00 KB/s 5G 89%

< Configure Wifi

Please enter the WiFi name and password for the device to connect to:

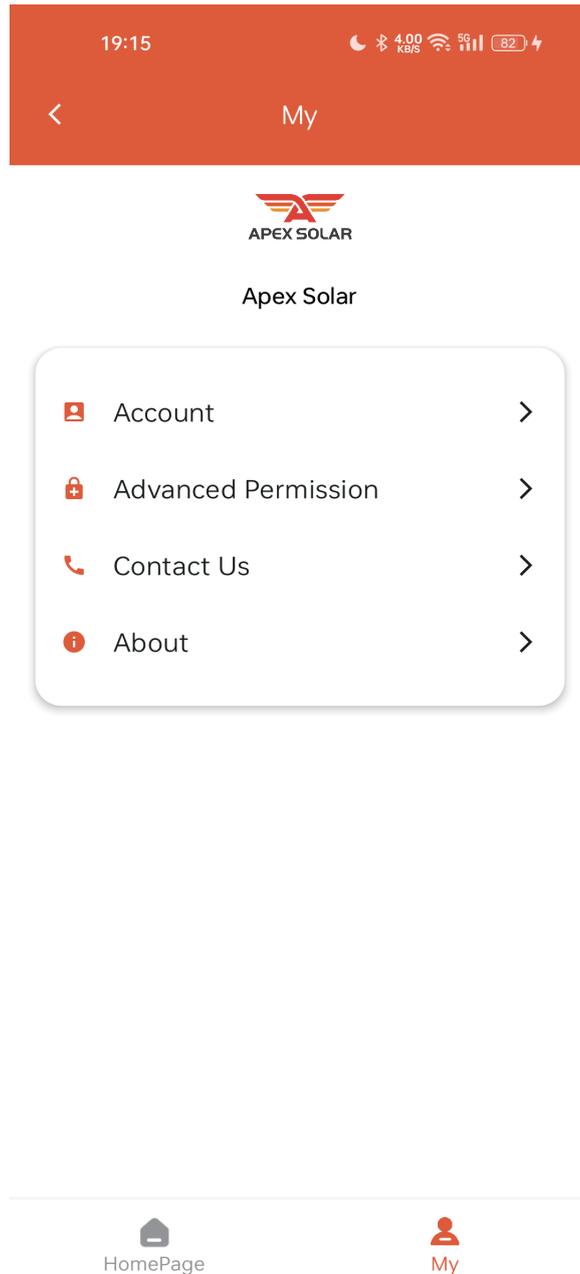
WiFi Name

WiFi Password

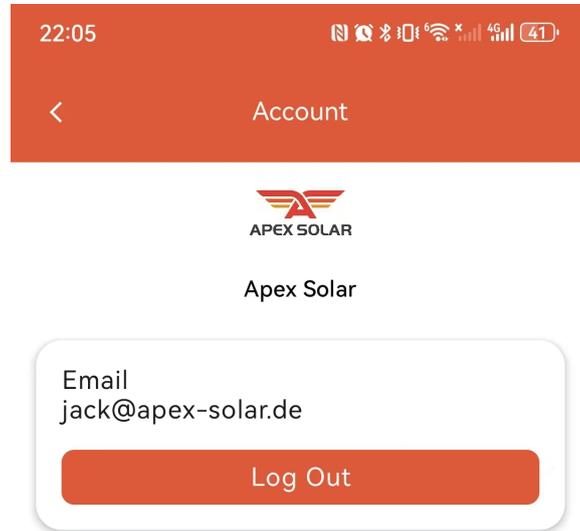
Configure

## 5. MY

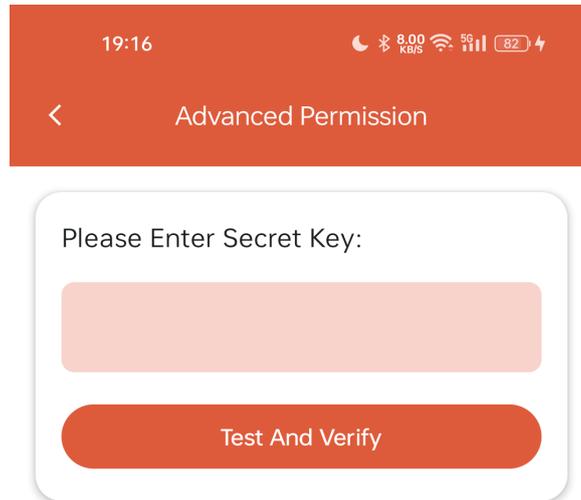
Click "My" in the bottom navigation bar to enter this interface, which includes account, advanced permissions, contact us, and about the secondary interface.



The account interface displays the current WiFi mode login account. Click "Log Out" to log out.



In the advanced permission interface, you can enter a fixed key to unlock advanced permissions. Enter "XXXX" to unlock the first-level permission; enter "XXXX" to unlock the second-level permission. After entering the key, the "Parameters" column is added to the bottom navigation bar. The first-level permission can view parameters, and the second-level permission can edit parameters.



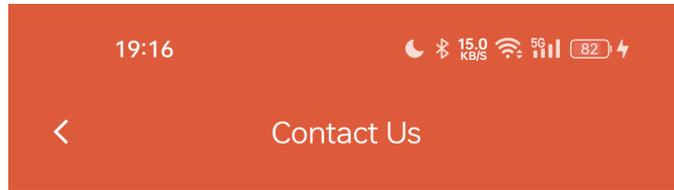
19:16 8.00 Kbps 5G 82

< Advanced Permission

Please Enter Secret Key:

Test And Verify

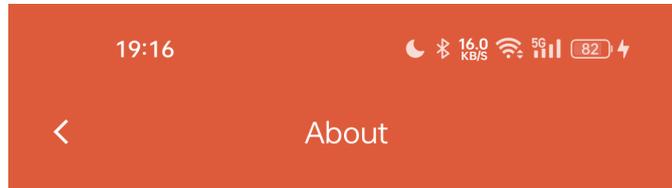
The Contact Us interface displays contact information. Click "call" to call directly, and click "copy" to copy the email address.



 +92-334-5926726 call

 Ishfaq\_waziri@apexsolar.pk copy

The About page displays the company profile and the current application version number. Click "Report an Issue" to send the application log of the day to the developer through WeChat for problem analysis.

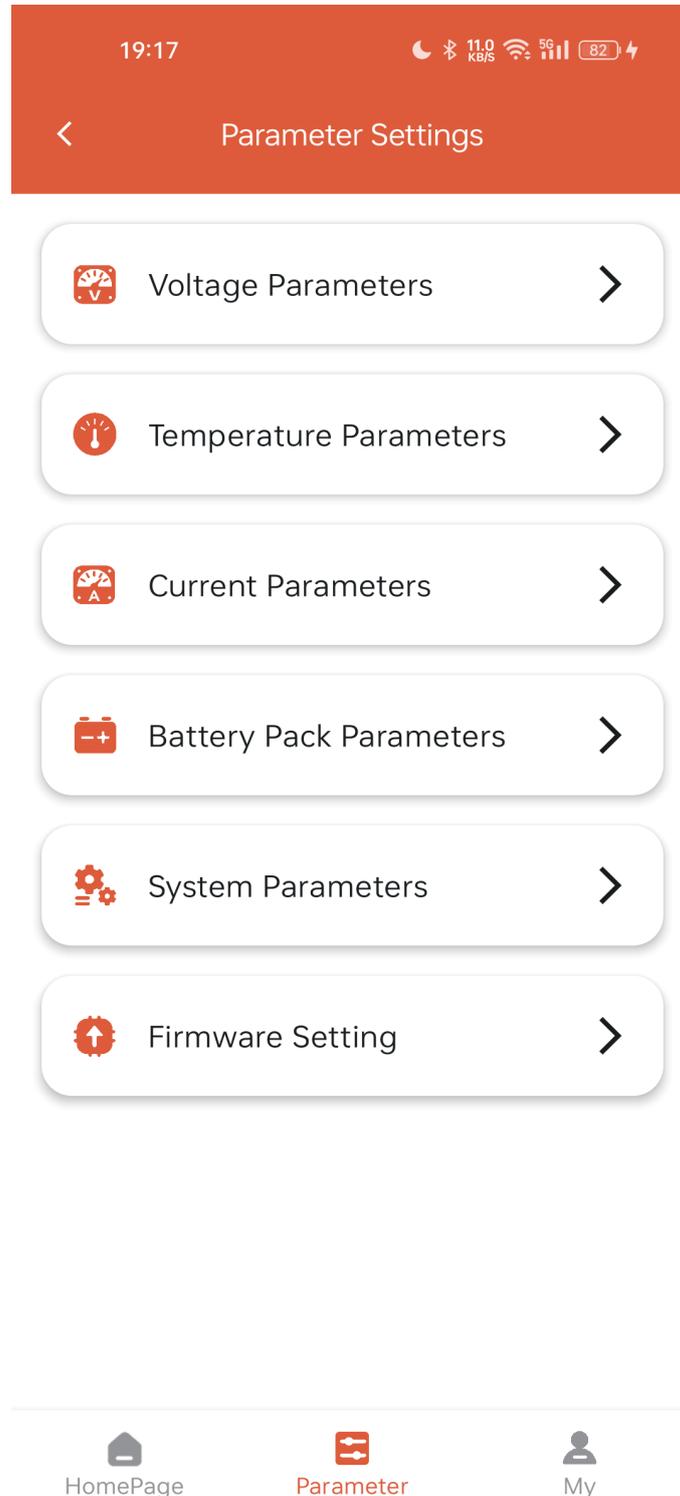


Apex Solar For Energy Management

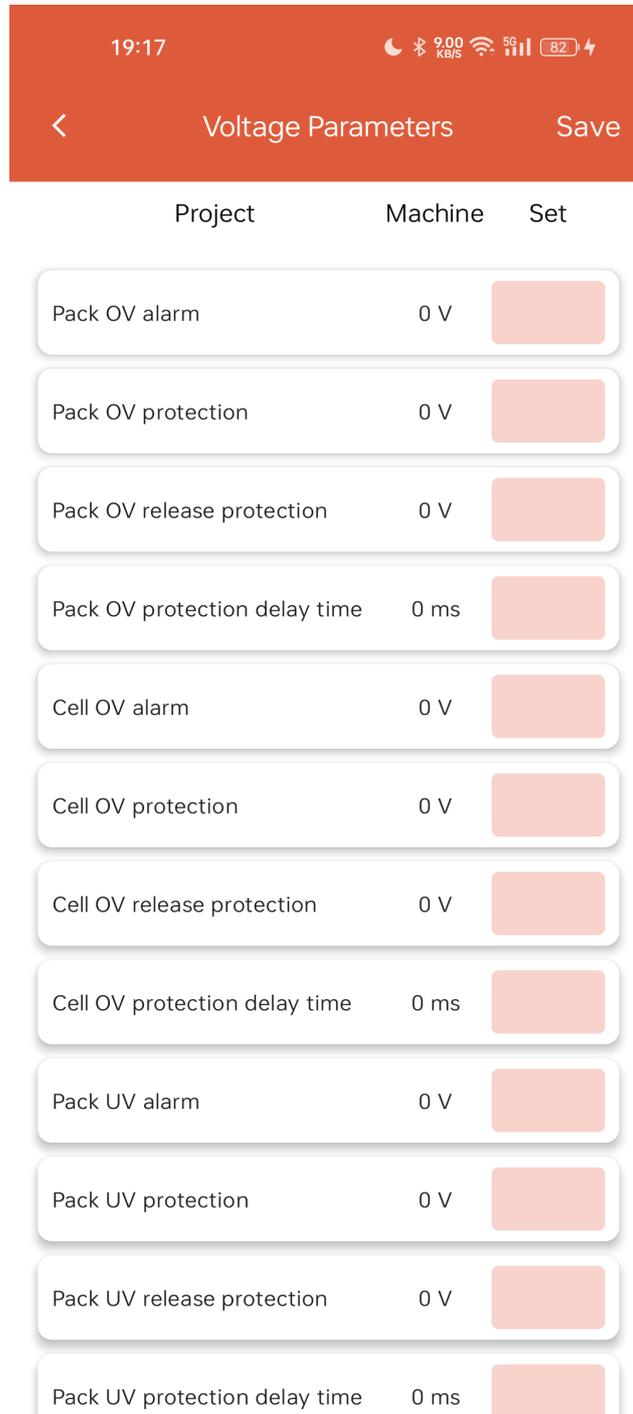
Version: debug-25020294



The "Parameter" column in the parameter navigation bar at the bottom is unlocked by the advanced permission key in the my interface, which contains the voltage parameters, temperature parameters, current parameters, battery pack parameters, system parameters, and firmware settings secondary interface.

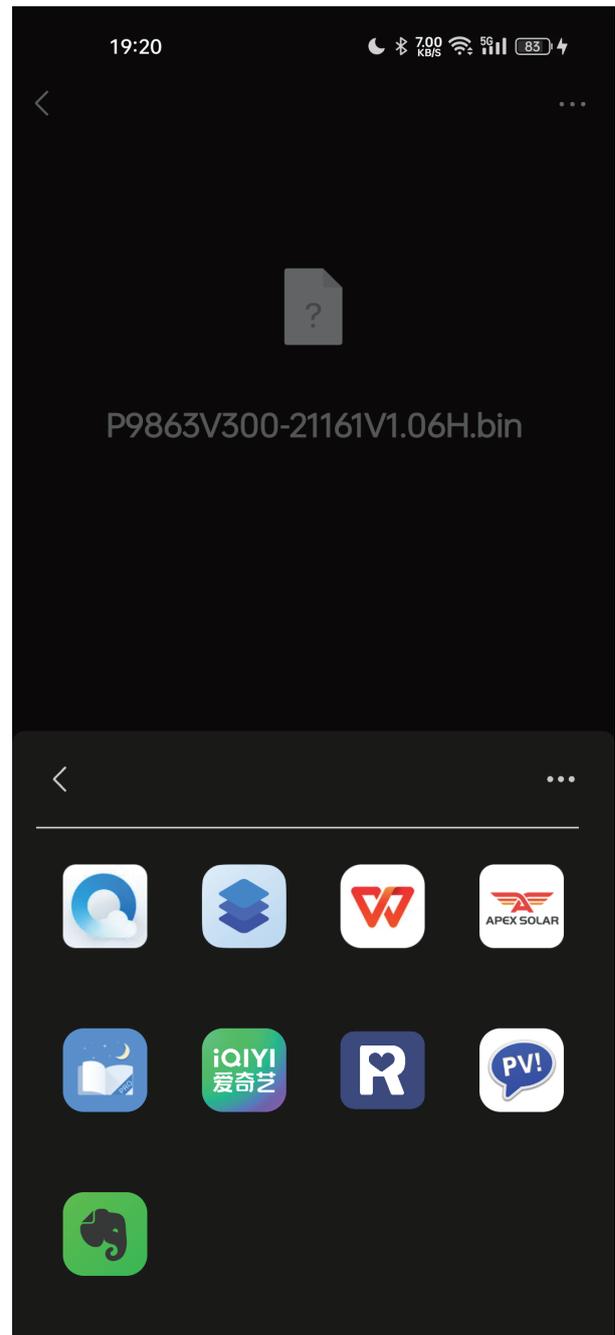
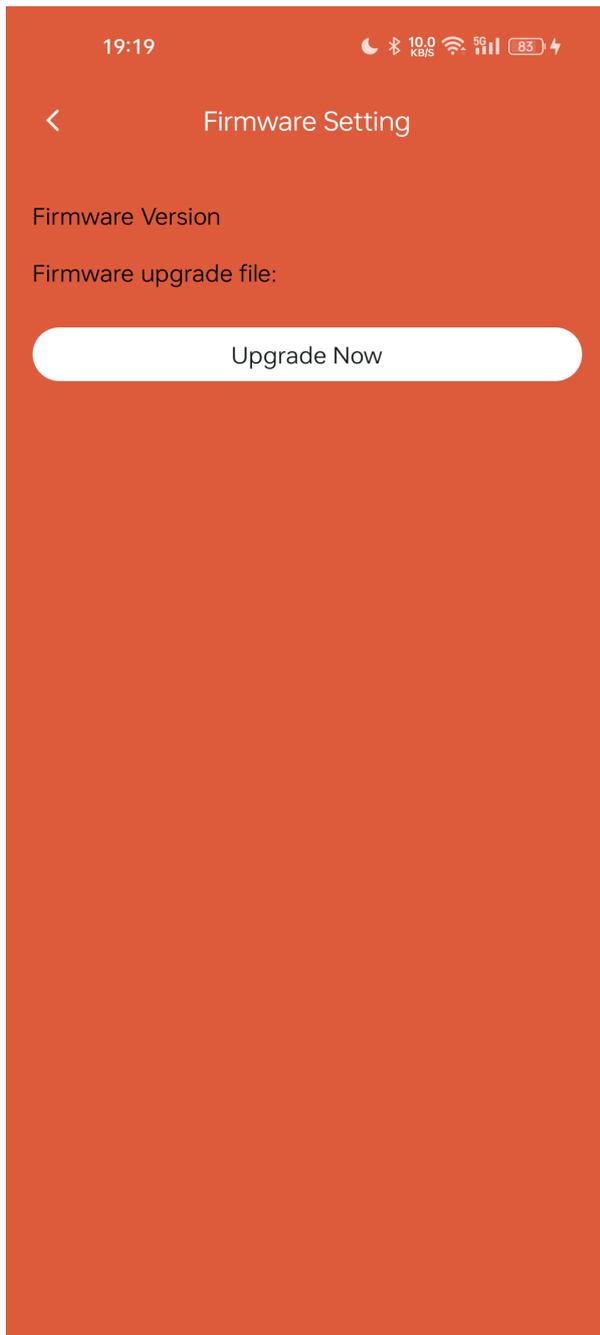


Voltage parameters, temperature parameters, current parameters, battery pack parameters, and system parameters are similar. When the secondary permissions are unlocked, you can fill in the modified values in the edit box on the right side of each setting, and then click the "Save" button in the upper right corner to save.



| Project                       | Machine | Set                  |
|-------------------------------|---------|----------------------|
| Pack OV alarm                 | 0 V     | <input type="text"/> |
| Pack OV protection            | 0 V     | <input type="text"/> |
| Pack OV release protection    | 0 V     | <input type="text"/> |
| Pack OV protection delay time | 0 ms    | <input type="text"/> |
| Cell OV alarm                 | 0 V     | <input type="text"/> |
| Cell OV protection            | 0 V     | <input type="text"/> |
| Cell OV release protection    | 0 V     | <input type="text"/> |
| Cell OV protection delay time | 0 ms    | <input type="text"/> |
| Pack UV alarm                 | 0 V     | <input type="text"/> |
| Pack UV protection            | 0 V     | <input type="text"/> |
| Pack UV release protection    | 0 V     | <input type="text"/> |
| Pack UV protection delay time | 0 ms    | <input type="text"/> |

The firmware setting interface is especially important to explain. The function of this interface is to transfer the BMS firmware file via Bluetooth for firmware upgrade. Obtain the firmware file through WeChat or other channels. After downloading, choose to open it through other applications. In the system sharing floating layer (different mobile phone brands and models may have different displays), choose to open the firmware file with ApexSolar. Return to ApexSolar, open the firmware setting interface, and you can see the new firmware file information. Click "Upgrade Now" to update the firmware. (Note: Do not exit the application during the update process).



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Multan Industrial Estate, Phase 1, Multan

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