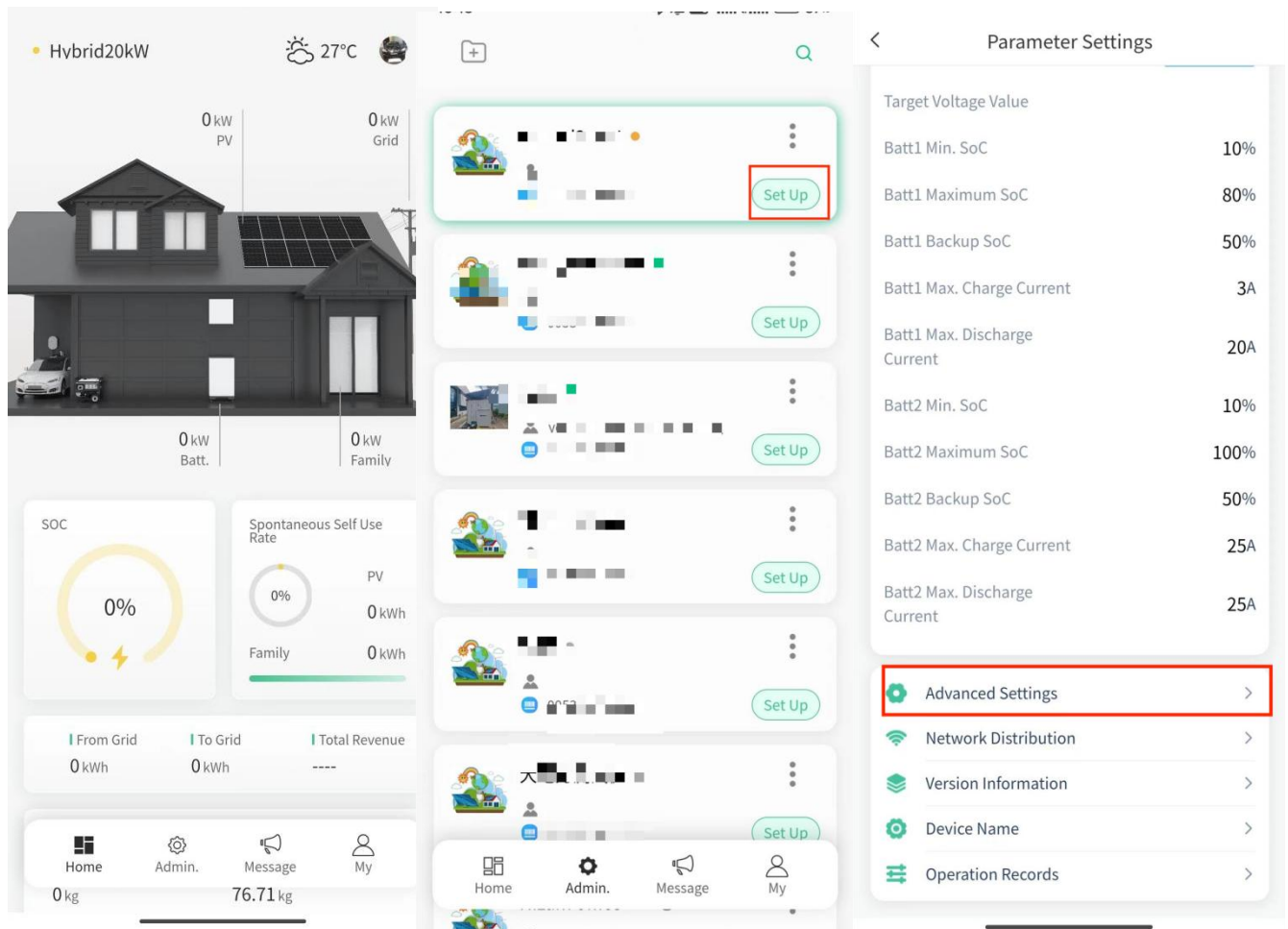
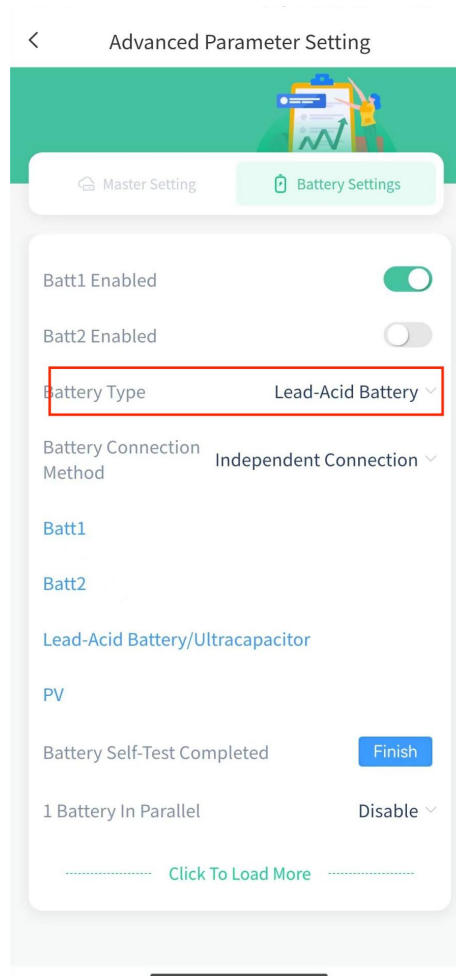


# O-SOL Lead-Acid Battery Connection Setup

## 1. Online Mode Setup Method

The setup steps are as follows: In Advanced Settings - Battery Settings, set the battery type to lead-acid battery, and set the relevant parameters of the lead-acid battery according to the battery parameters. As shown in the figure below. Note: In online mode, advanced settings require upgrading the account permission to installation permission. Please contact the manufacturer to upgrade.







## 2. Bluetooth Offline Mode Setup Method


Set as shown in the steps below. Note: In offline mode, advanced settings require a password, which is 123456

Server Switching Login Language

Welcome To Login

[Password Login](#) [Verification Login](#)

Account  

Password 

☒ Remember The Account [Forgot Password](#)

[Offline Mode](#) [Log In Now](#)

☒ Readed And Agree [《User Agreement》](#) And [《Privacy Policy》](#)

No Account? [Register](#)

Device List

AGN8-00534E00102B	<a href="#">Login</a> <a href="#">Upgrade</a>
AGN8-0202561B8FE6	<a href="#">Login</a> <a href="#">Upgrade</a>
AGN8-0202570F666D	<a href="#">Login</a> <a href="#">Upgrade</a>
AGN8-00534E00102F	<a href="#">Login</a> <a href="#">Upgrade</a>
AGN8-0202570F67E9	<a href="#">Login</a> <a href="#">Upgrade</a>
AGN8-0202561B23B4	<a href="#">Login</a> <a href="#">Upgrade</a>
AGN8-020257020A71	<a href="#">Login</a> <a href="#">Upgrade</a>

Parameter Settings

Batt1 Min. SoC	10%
Batt1 Maximum SoC	100%
Batt1 Backup SoC	20%
Batt1 Max. Charge Current	25A
Batt1 Max. Discharge Current	25A
Batt2 Min. SoC	10%
Batt2 Maximum SoC	100%
Batt2 Backup SoC	20%
Batt2 Max. Charge Current	25A
Batt2 Max. Discharge Current	25A
<a href="#">Advanced Settings</a>	
<a href="#">Network Distribution</a>	
<a href="#">Version Information</a>	

[Home](#) [Admin.](#) [Message](#) [My](#)

Advanced Parameter Setting

[Master Setting](#) [Battery Settings](#)

Batt1 Enabled ☒

Batt2 Enabled ☐

Battery Type [Lead-Acid Battery](#)

Battery Connection Method [Independent Connection](#)

Batt1

Batt2

Lead-Acid Battery/Ultracapacitor

PV

Battery Self-Test Completed [Finish](#)

1 Battery In Parallel [Disable](#)

[Click To Load More](#)

### 3. Screen Setup Method

Step 1: Press the SET key to enter the setting items, and a setting icon will appear in the middle.

Step 2: Press the up or down key to select the parameter name to be set

Step 3: Press the ENT key to confirm the change, and the left screen will flash

Step 4: Press the up or down key to change the parameter value, and press the ENT key again to save the changed parameter

Step 5: Press the SET key to exit.

The system has a total of 10 configurable parameters. The parameter viewing and setting interface is shown in the figure below.

Number	Parameter Name	Setting Options	Description
01	Battery 1Maximum Charging Current	100A Default	Setting Range 0~100A;
02	Battery 1MaximumDischargeCurrent	100A Default	Setting Range 0~100A;
03	Battery type	0 Lithium battery	Setting range 0~10
		1 Super capacitor	
		2 Lead-acid	
04	Lead-acid batteryFloating charge voltage	54V Default	Setting range52V~56V
05	Lead-acid battery equalizing charge voltage	56.4V Default	Setting range54V~59V
06	Lead-acid battery equalization charge enable	Default 0	Setting range 0, 1
07	Battery 1 capacity	100A	Setting range 1~999A

08	Lead-acid battery Discharge Cut-off voltage	42V Default	Setting range 38V~44V
09	Israel Function Enable Interface	Default 1	Setting range 0, 1
10	Working mode	0 Self-consumption mode	Set parameters 0, 1, 3, 5, Default 0
		1 Timed charging mode	
		3 Disaster preparedness mode	
		5 PV priority charging mode	

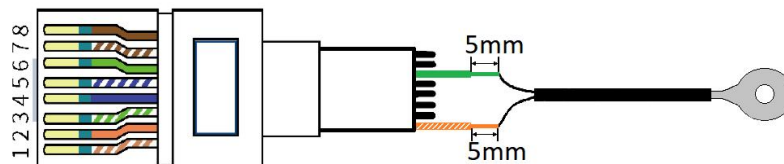
When using a lead-acid battery, you need to set the third page to lead-acid, i.e., the number 2.

#### 4. Lead-acid battery NTC connection

When connecting a lead-acid battery, you need to connect the NTC, otherwise a lead-acid battery temperature abnormality will be reported.

The connection method is as follows:

Prepare a standard network cable, cut it, strip the green and orange-white wires at the cut end for 5mm, and solder them to the NTC pins as shown in the figure below. After confirming that the soldering is firm, wrap and bandage the two soldering points separately with insulating tape. Be careful to avoid contact with exposed metal to prevent short circuits and affect normal use. When using a lead-acid battery, insert the completed NTC crystal head into the BMS interface and attach the NTC to the outside of the lead-acid battery.



**Note:** When using the lead-acid battery mode, you must set the floating charge voltage, equalization charge voltage, and other parameters according to the battery parameters to ensure battery safety. The setting items are shown in the figure below:

< Advanced Parameter Setting

Master Setting Battery Settings

Batt1 Enabled ☒

Batt2 Enabled ☐

Battery Type Lead-Acid Battery ▾

Battery Connection Method Independent Connection ▾

Batt1

Batt2

Lead-Acid Battery/Ultracapacitor

PV

Battery Self-Test Completed [Finish](#)

1 Battery In Parallel Disable ▾

Click To Load More

< Advanced Parameter Setting

Master Setting Battery Settings

Batt. Charge Temperature Compensation Enable Disable ▾

Equalization Temperature Compensation Coefficient 0mV/°C

Float Charge Temperature Compensation Coefficient 0mV/°C

Lead Acid Battery 1 Average Charging Voltage 276V

Lead Acid Battery 1 Float Charging Voltage 270V

Lead Acid Battery 1 Discharge Cut-off Voltage 100V

Lead Acid Battery 2 Average Charging Voltage 276V

Lead Acid Battery 2 Float Charging Voltage 270V

Lead Acid Battery 2 Discharge Cut-off Voltage 100V