



## **Force H3X SOP (Pylontech)**

Information Version: 1.0  
5PMPA08-00XXX



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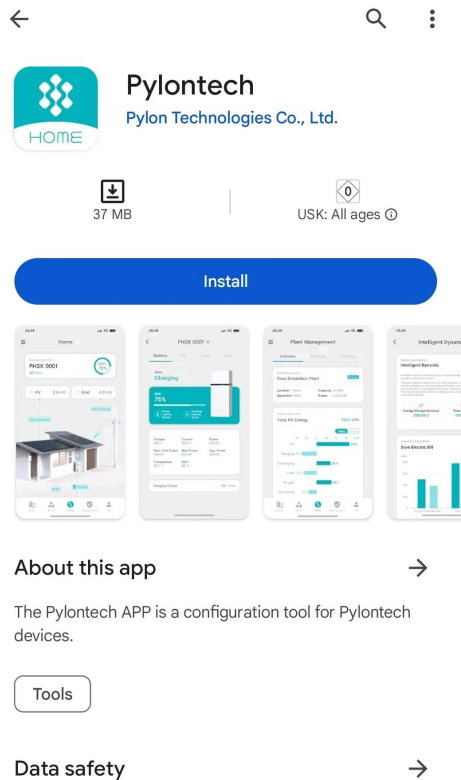
The final interpretation of this manual belongs to Pylon Technologies Co., Ltd.

# Contents

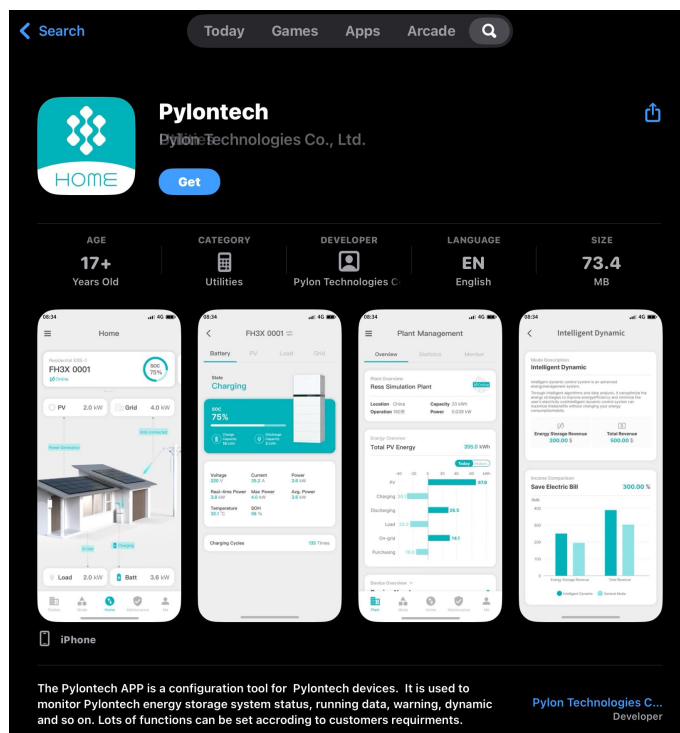
|   |                                             |   |
|---|---------------------------------------------|---|
| 1 | Download and install the Pylontech App..... | 1 |
| 2 | Sign up and login .....                     | 2 |
| 3 | Plant management .....                      | 3 |
| 4 | Working mode .....                          | 4 |
| 5 | Parameter configuration .....               | 5 |

# 1 Download and install the Pylontech App

For Andriod, search for Pylontech in Googleplay.



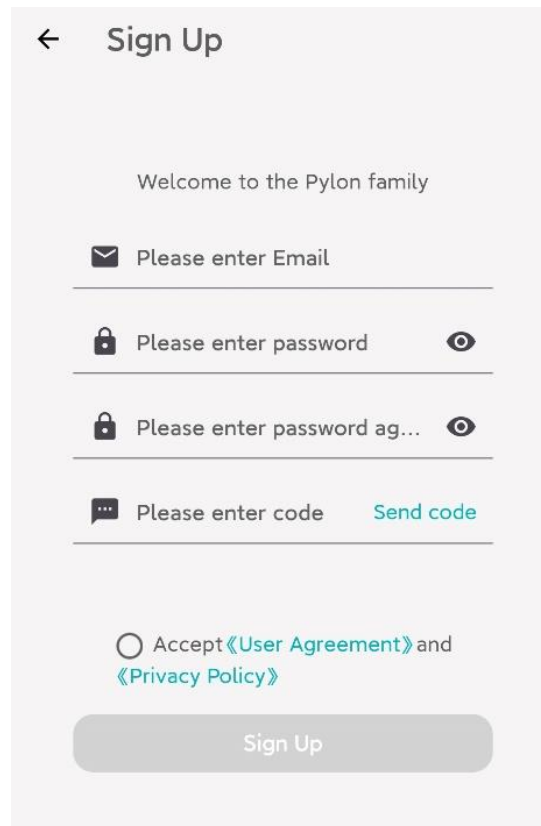
For IOS, search for Pylontech in APPstore.



## 2 Sign up and login

Generally click the sign up first, users can enter the email and password, receive the verification code and check the "Accept 'user agreement' and 'privacy policy'".

After completing the registration, the page automatically jumps to the login page.

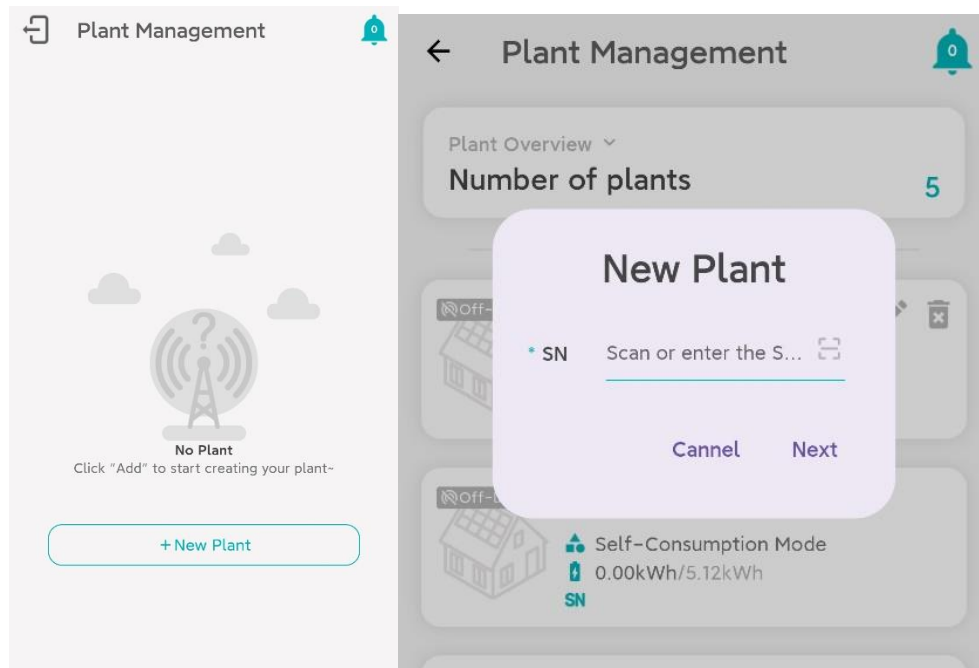


The image shows a mobile app interface for a 'Sign Up' page. At the top, there is a back arrow and the title 'Sign Up'. Below the title, a welcome message reads 'Welcome to the Pylon family'. The form consists of four input fields, each with an icon on the left and a label: 1. An envelope icon followed by 'Please enter Email'. 2. A lock icon followed by 'Please enter password' and an eye icon for toggling visibility. 3. A lock icon followed by 'Please enter password ag...' and an eye icon. 4. A speech bubble icon followed by 'Please enter code' and a 'Send code' link in teal. Below the input fields is a radio button followed by the text 'Accept《User Agreement》and《Privacy Policy》'. At the bottom is a large grey button labeled 'Sign Up'.

On the login page. Enter the email and password to log in.

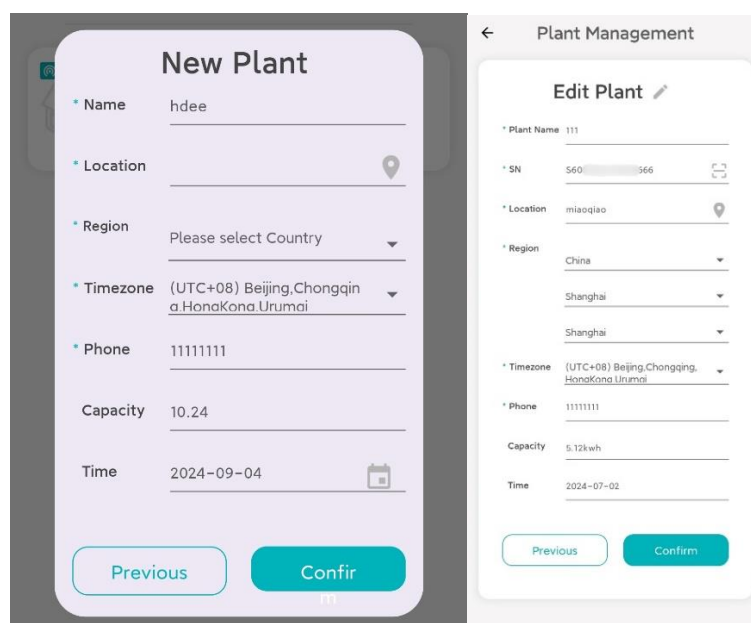
### 3 Plant management

Click +New Plant, scan or enter the SN code of the device.



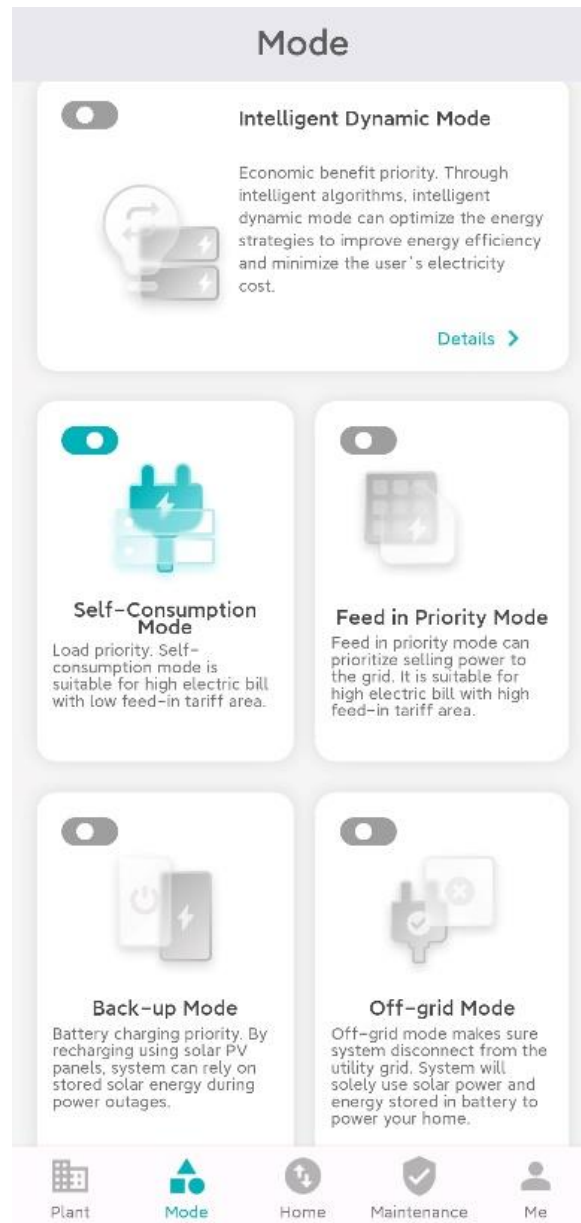
After scanning or entering the SN, click Next to verify if the SN is valid or not. If the app shows the SN is invalid. It means the installer have not built a plant prototype for this device. Please contact the installer to solve this problem.

If the device is validated, it will enter the New Plant page, where users can modify the basic information of the plant, including the plant name, location, and phone number. Other fields are already modified by the installer. Click confirm to finish plant creation.



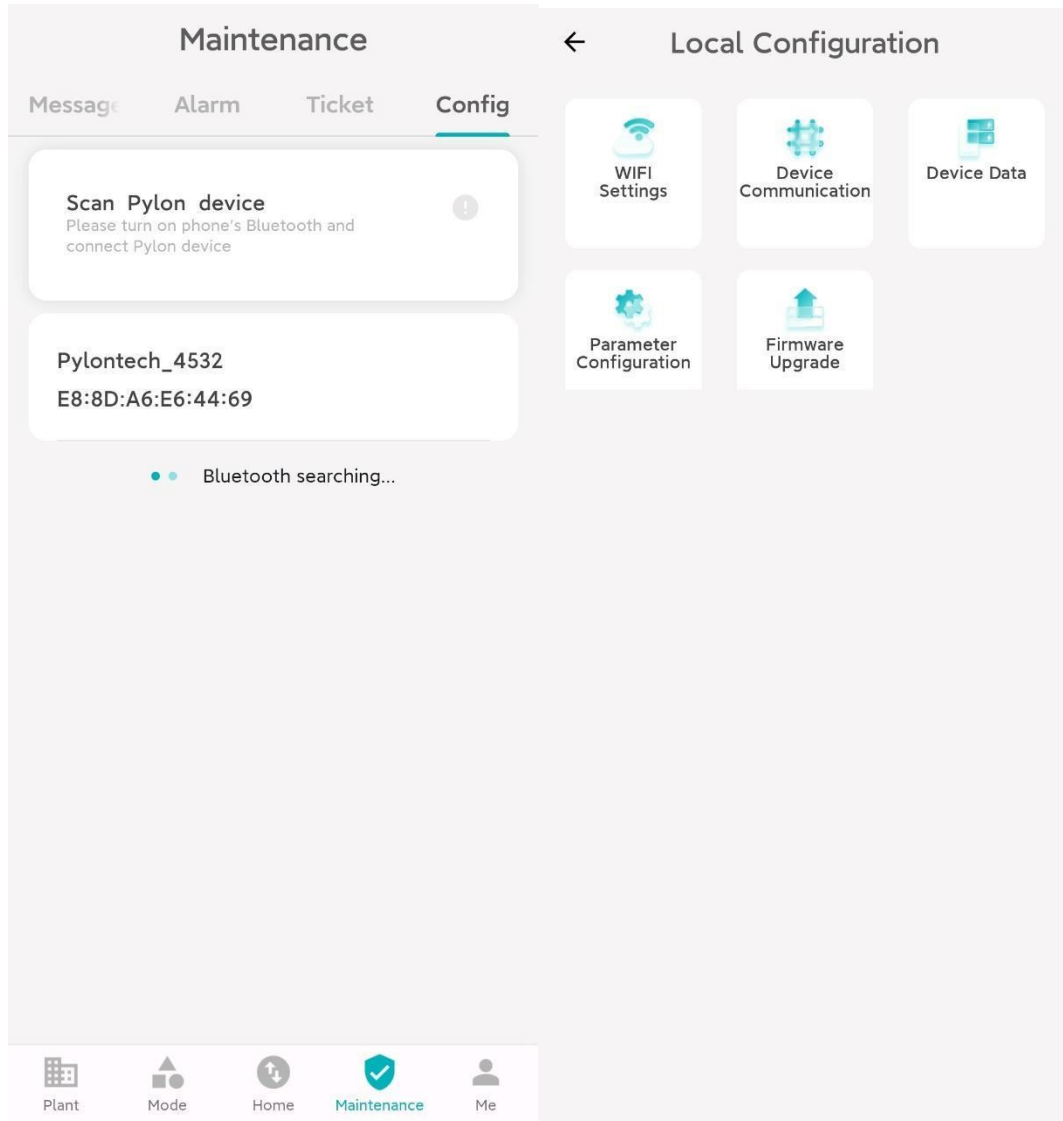
## 4 Working mode

On this page, users can change the mode of the device everywhere. The explanation of the modes can be found at user manual.



## 5 Parameter configuration

In the maintenance-Config interface, users can select the device to enter the Local Configuration page where the device can be observed and modified through the Bluetooth.



In the “Parameter Configuration” page, users can modify more energy management settings:

- ① Select “Active Power Control Mode” as meter/CT;
- ② The ‘Power to Grid’ represents the upper limit of system feed-in power, you need to set the value according to rated power and the local safety standard, note that the value must be more than 0. If the value you set exceed the upper limit, it will be automatically limited to the upper value.
- ③ If the machine is three-phase, select “Meter Type” as Meter(3P); if the machine is single-phase, select 'Meter Type' as CT(1P).

The image shows two side-by-side mobile application screens. The left screen is titled 'Parameter Configuration' and has a back arrow. It features a 'Grid Standard' dropdown menu currently showing 'IEC 61727'. Below this are two expandable sections: 'Active Power Control' and 'Energy Management', each with a right-pointing chevron. At the bottom of the left screen are four toggle buttons: 'Switch Off', 'Switch on', 'Heat Pump On', and 'Heat Pump Off'. The right screen is titled 'Active Power Control' and also has a back arrow. It contains several settings: 'Fixed Active Power' (with an upward chevron), 'Active Power Control Mode' (a dropdown menu showing 'Meter/CT'), 'Power to Grid' (a text input field showing '15000' with a 'W' unit indicator), and 'Meter Type' (a dropdown menu showing 'Meter (3P)'). A teal 'Save' button is located at the bottom right of the right screen.

In the 'Energy Management',

- ① Select "System with/without Battery" as With Battery; 'Work Mode' and 'Backup Enable' as the user needs to select;
- ② The "Discharge Limited SOC" means the discharge limit of the battery. E.g setting the value as 30%, the load or grid could gain electric from battery only when the SOC more than 30%.
- ③ On the contrary, the "Charge Limited SOC" means the charge limit of the battery.
- ④ The 'Power from Grid' indicates the upper limit of power taken from the grid, which should be changed based on the actual demand.
- ⑤ Charge/discharge time can be set independently according to the user's demand, a total of four time periods can be set. Each time period can be set independently of the start and end time, charge/discharge, power, and repetition time. You can set open or close at the 'State' with the user's demand.

For all of the above parameters, if you have changed one, please click 'Execute'.

←

Energy Management

Energy Configuration

System with/without Battery

With Battery

Execute

Work Mode

Self-Consumption

Execute

Backup Enable

Enable

Execute

Discharge Limited SOC

10

%

Execute

Charge Limited SOC

100

%

Execute

Grid Power Limit

60000

W

Execute

Charge/Discharge Time Control

←

Energy Management

Energy Configuration

Charge/Discharge Time Control

Time Period

Charge/discharge time set 1

Start time

06:02

End time

09:59

Charge/discharge power

20.0

%Pn

Charge/discharge mode

Charge

Repetition time

Saturday

State

Closed

Execute



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