

WiFi Setting Quick Guide

Note:

The end user needs to apply to your installation personnel to register a Monitor account, or you can register it yourself, but please remember to obtain their customer code from the installation personnel or distributor.

The installation personnel and distributors need your higher-level distributor to register Monitor access for you, and you will receive your unique customer code from them! When registering an account for your customers, you can set a customer name for them.

APP Download: LuxPowerView



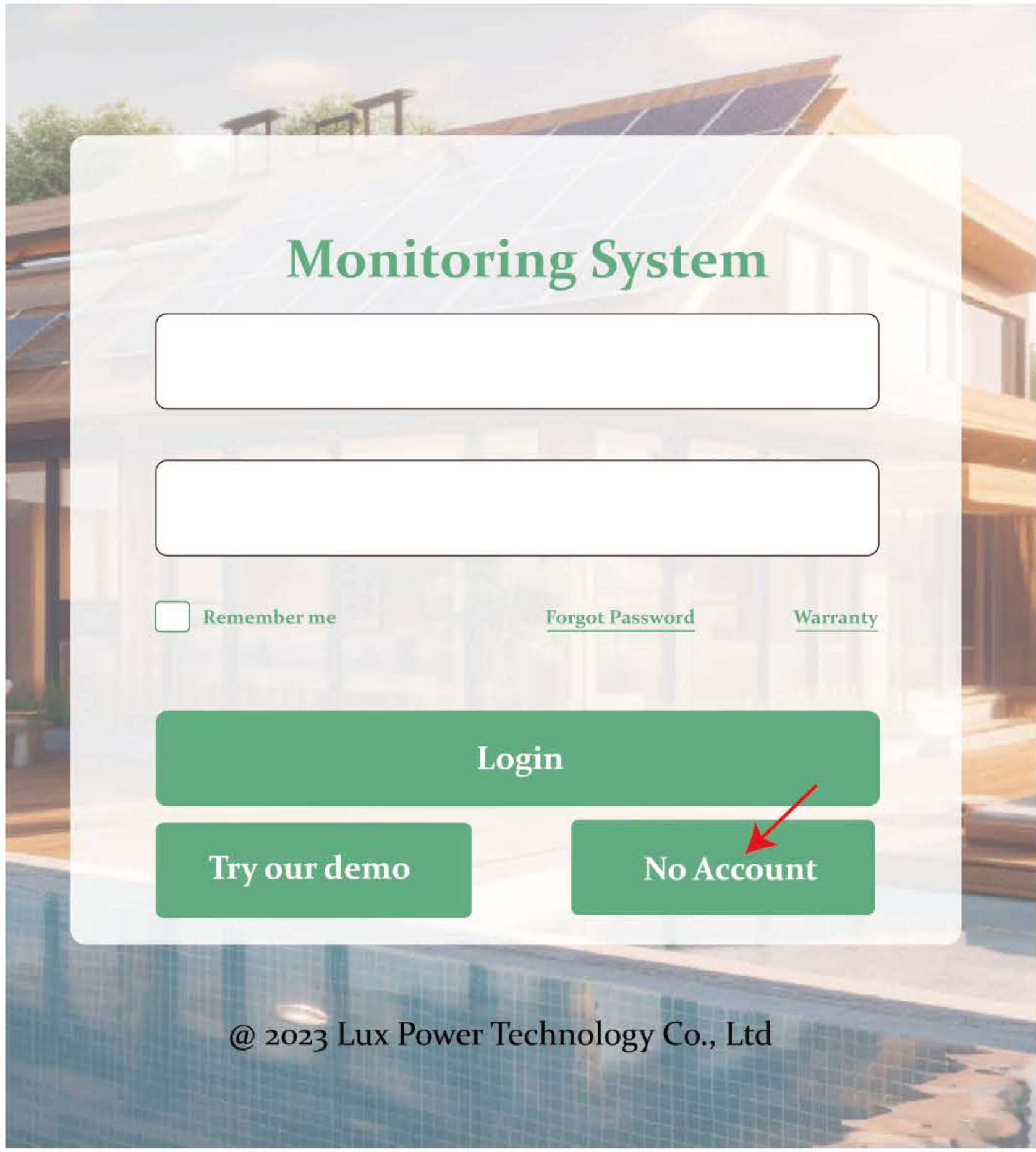
Android in Google Play



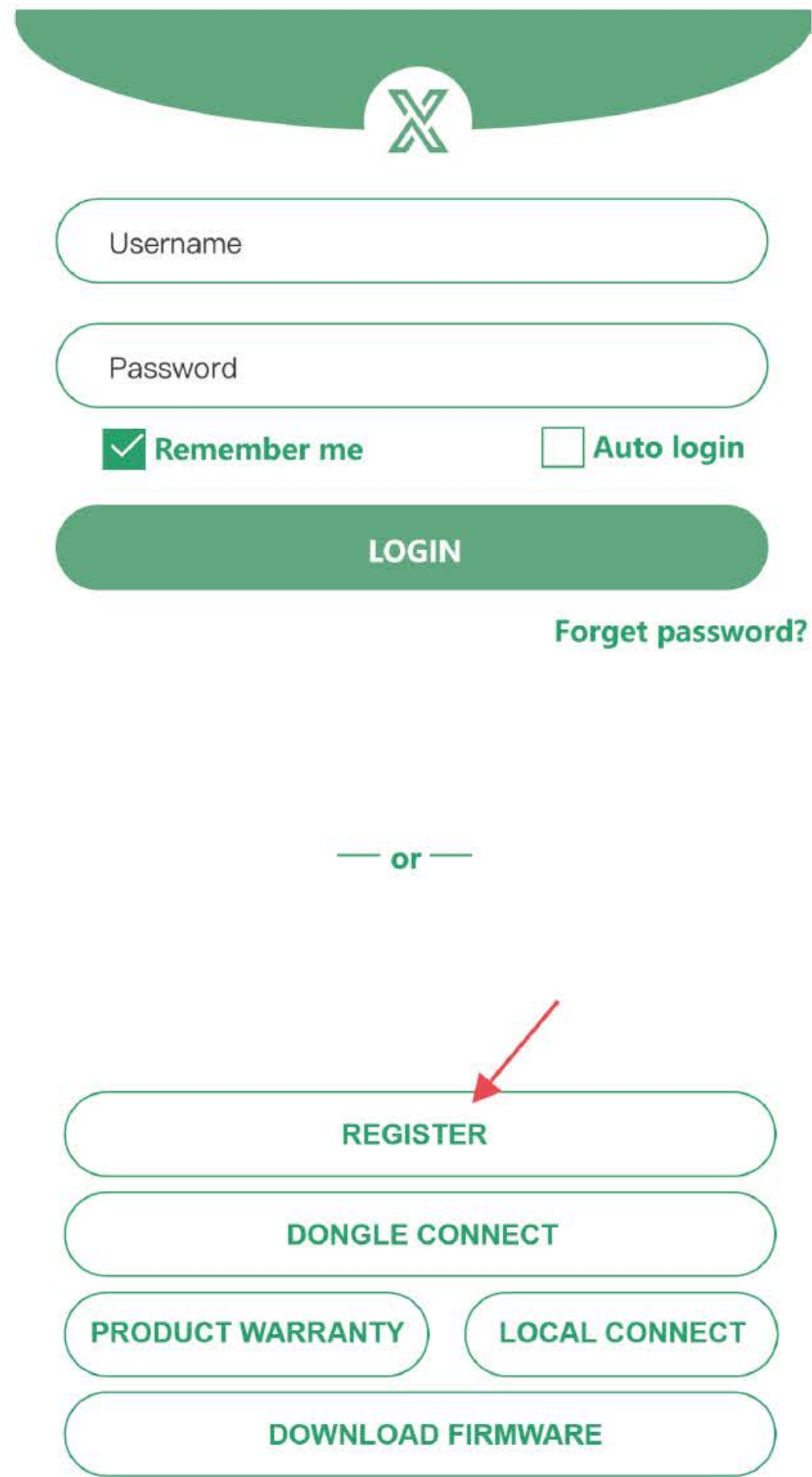
IOS in APPLE APP Store

1. Register an account

Step 1. Register Monitor account for end user, please visit <http://server.luxpowertek.com>, or download the ‘LuxPowerView’ APP to do that. If you are distributor or installer, please contact your upper-level distributor to get an account,or you can contact info@luxpowertek.com.



WEB



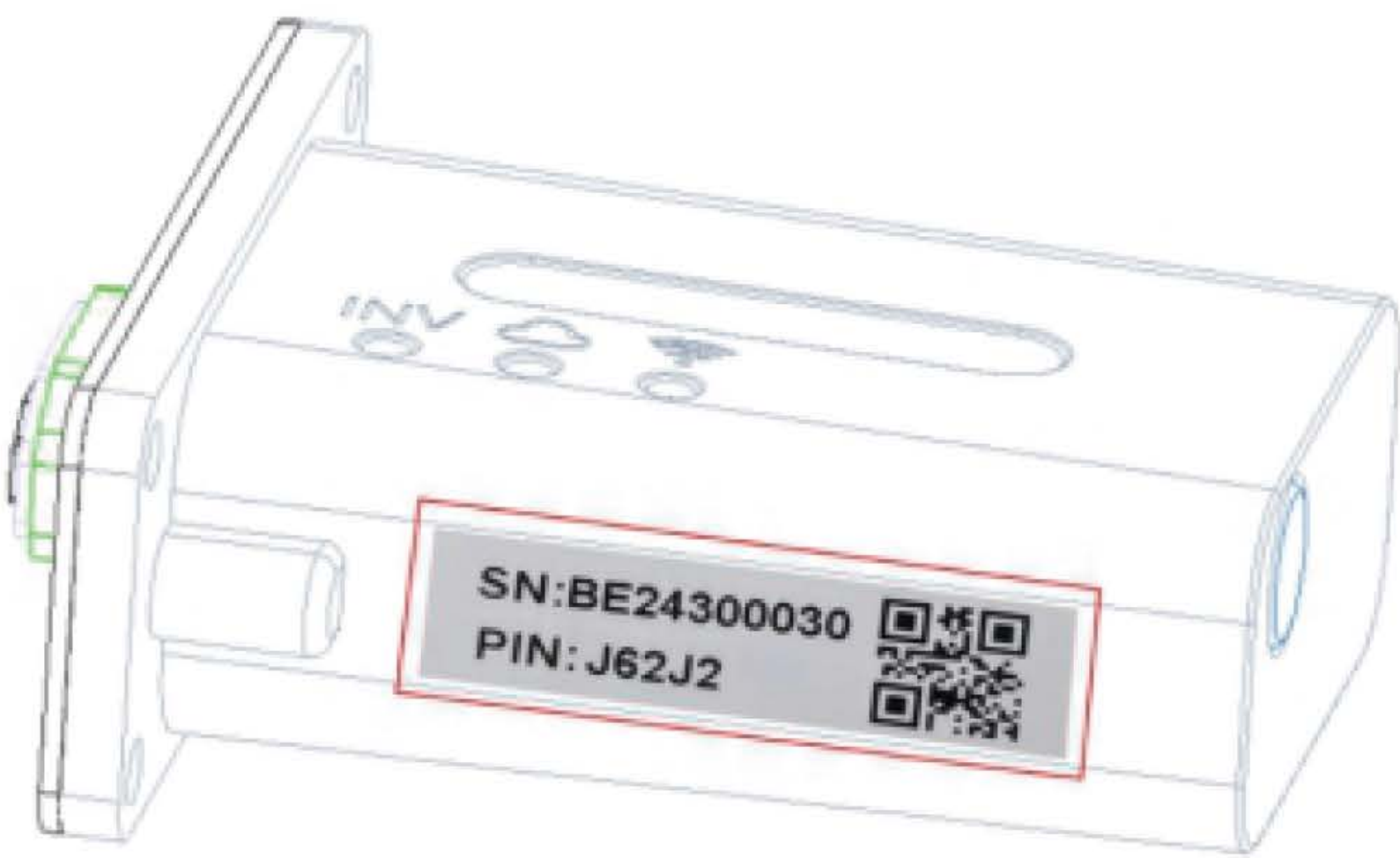
APP

Step 2. Filling in important information truthfully(with*)

* Cluster (*)	Europe
*Username	Username
*Password	Password
*Repeat password	Repeat password
Real name	Real name
*E-mail	E-mail
Tale number	Tale number
*Plant name	Plant name
*Daylight saving time	☐ Yes ☒ No
*Continent	Continent
*Region	Region
*Country	Country
*Timecone	Timezone
Address	Address
*Customer code	Customer code
*Dongle SN	Dongle SN
*Dongle PIN	Dongle PIN

RegisterBack to login page

- a. Customer code: it is the code of your distributor or installer, please contact them to get their customer code.
- b. Dongle SN: showed on the label of WiFi/WLAN shell as below



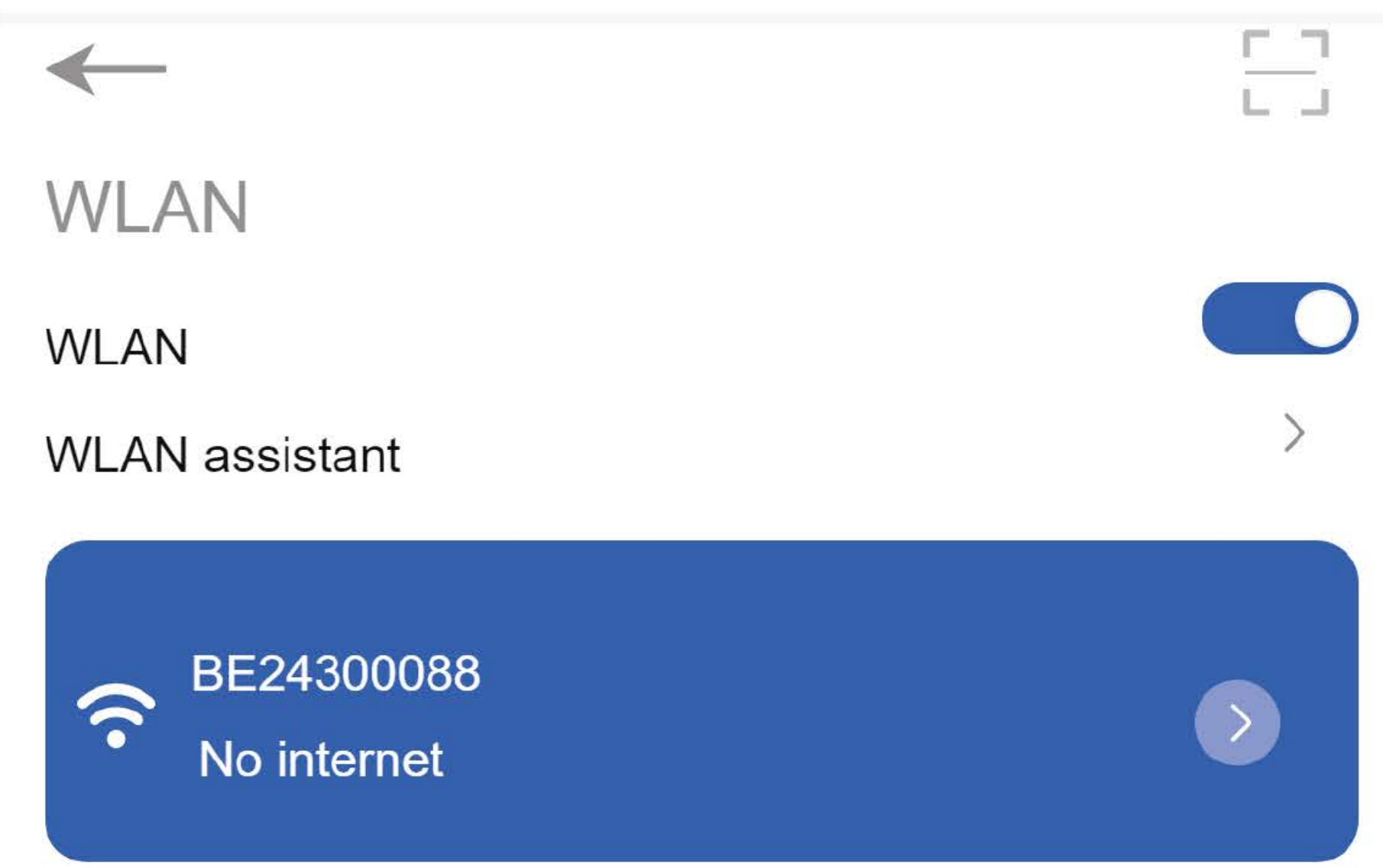
Step 3. Click REGISTER to submit

2. WiFi Configuration

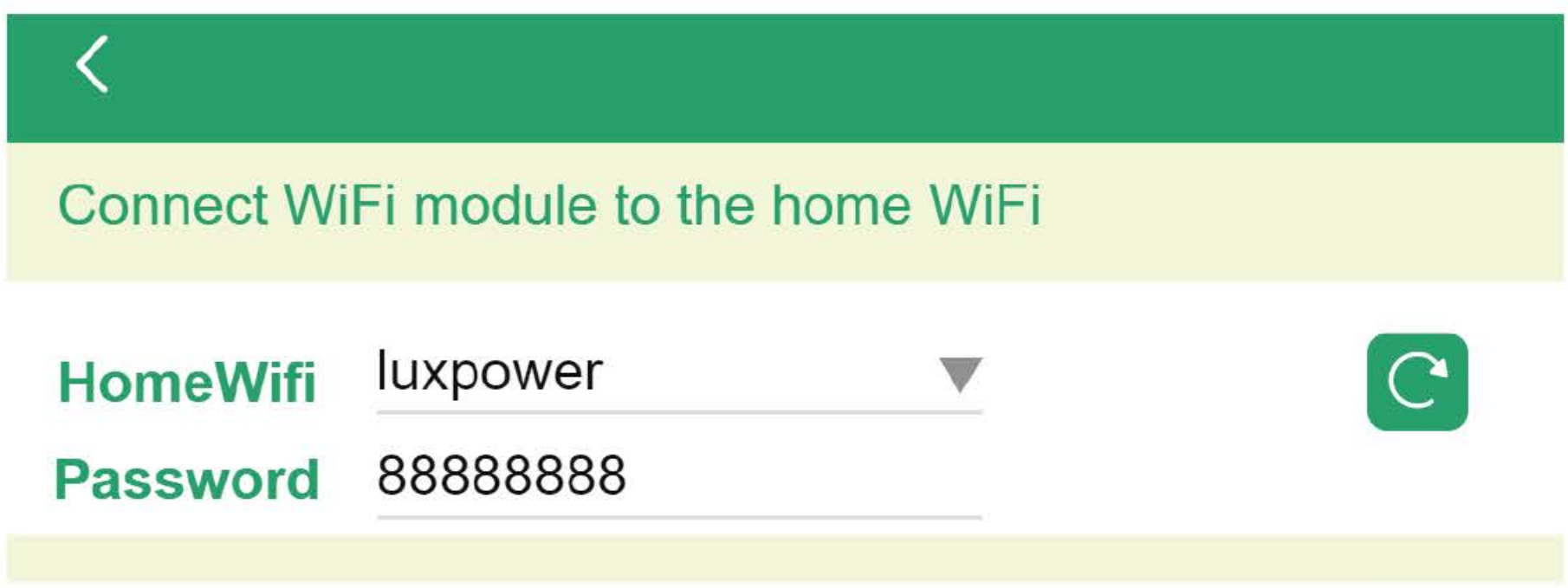
To connect your homeWiFi to the inverter, you can either use the APP or Bluetooth. First, plug in the WiFi module, then power on the inverter. Please note that the HomeWiFi password needs to be longer than 8 letters.

2.1 Use APP to configure WiFi

Step 1. Wait the any LED becomes solid on, then use your phone to connect WiFi module’s hotspot, generally it’s named as dongle SN“B****”.

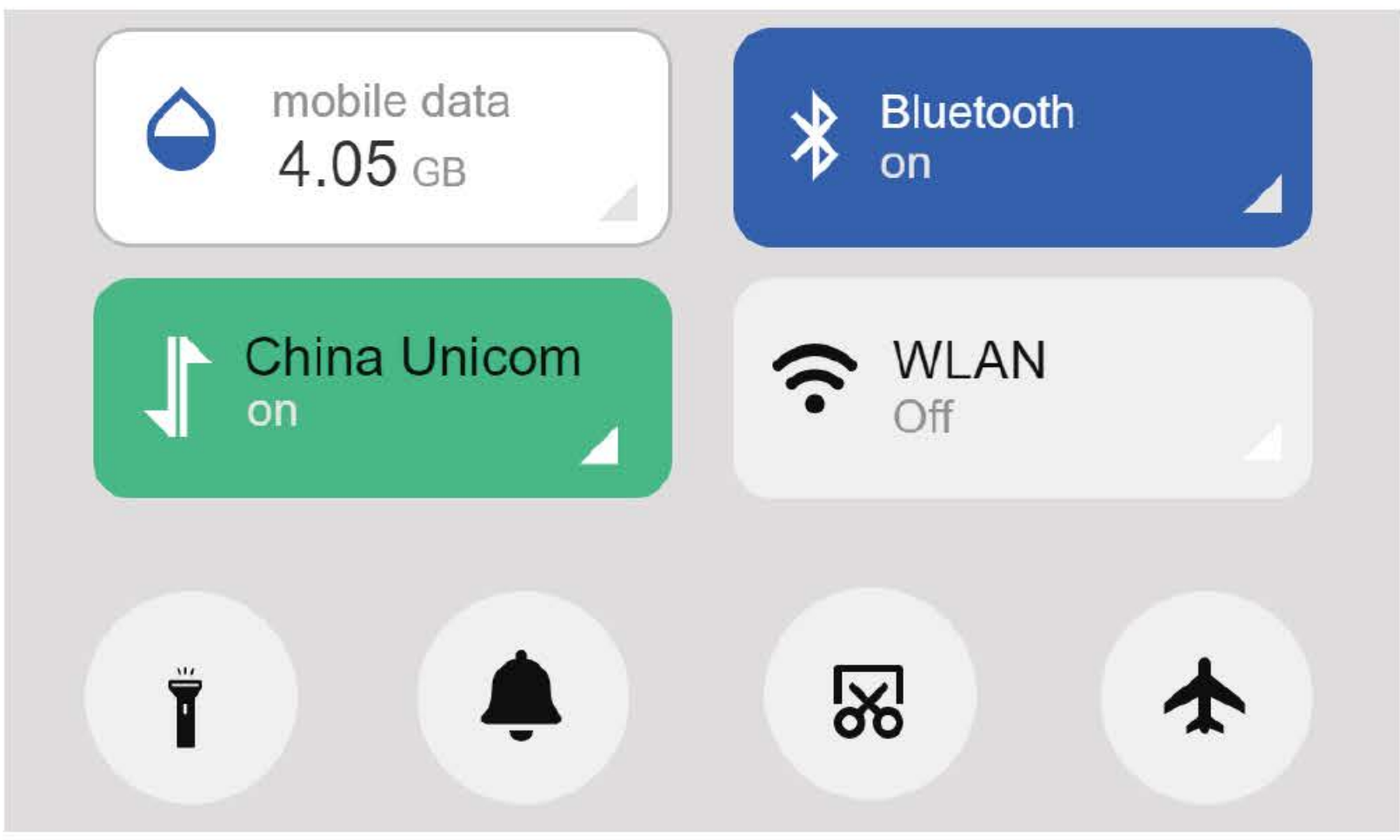


Step 3. Choose the wifi you want to connect in the HomeWiFi, and input the password.

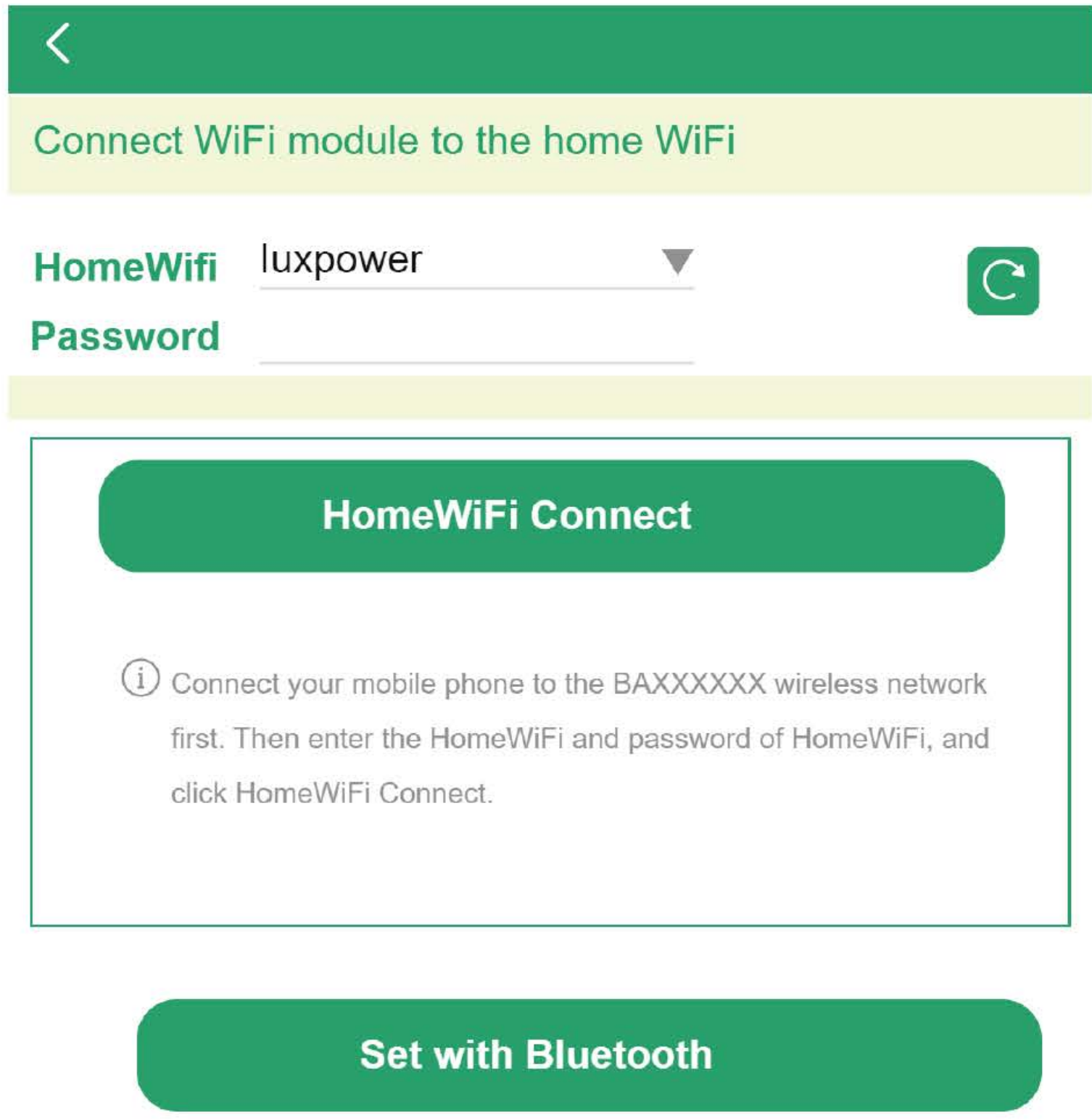


2.2 Method 2: Use Bluetooth to configure WiFi

Step 1. Turn on mobile Bluetooth.

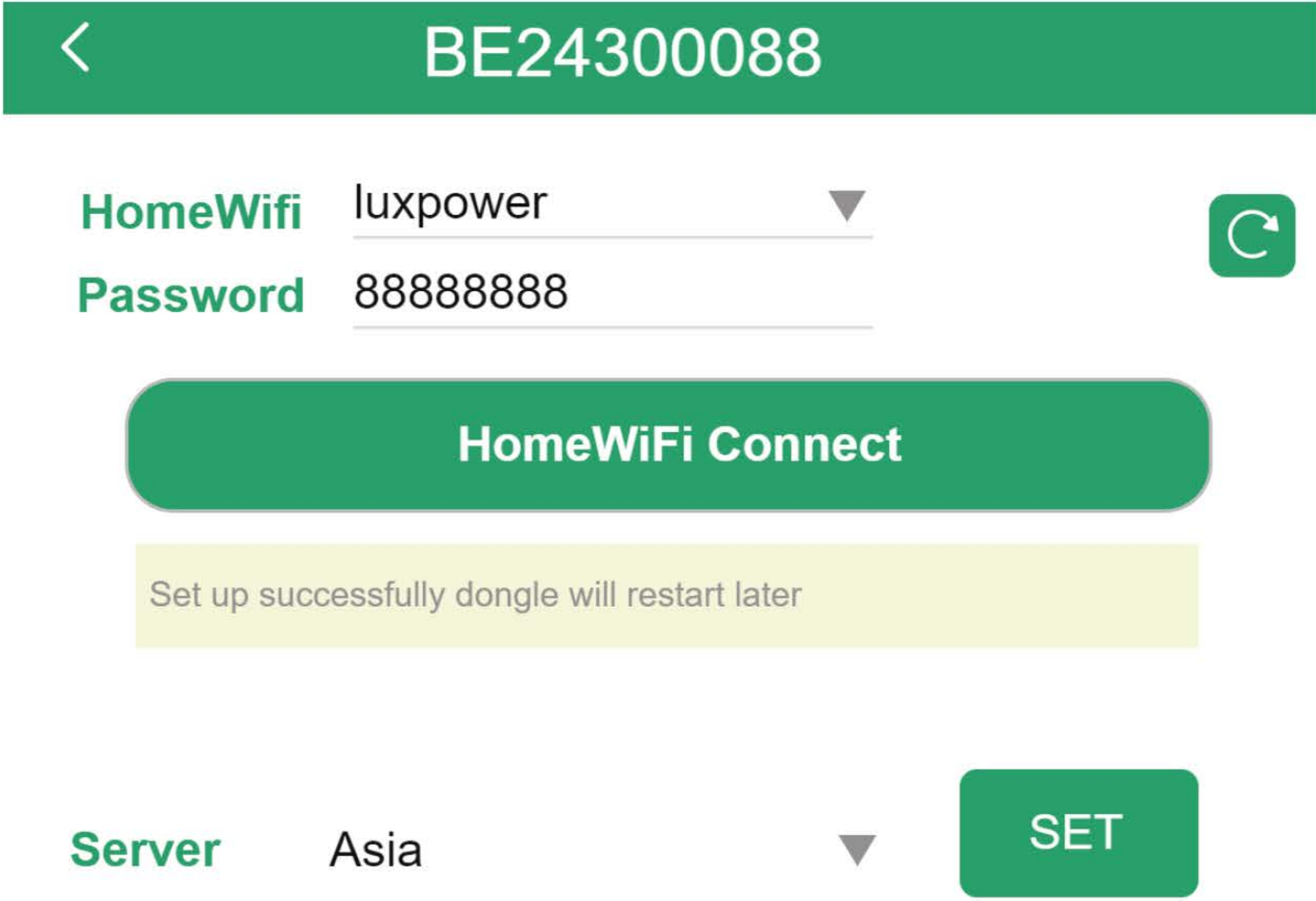


Step 3. Click “Set with Bluetooth”.

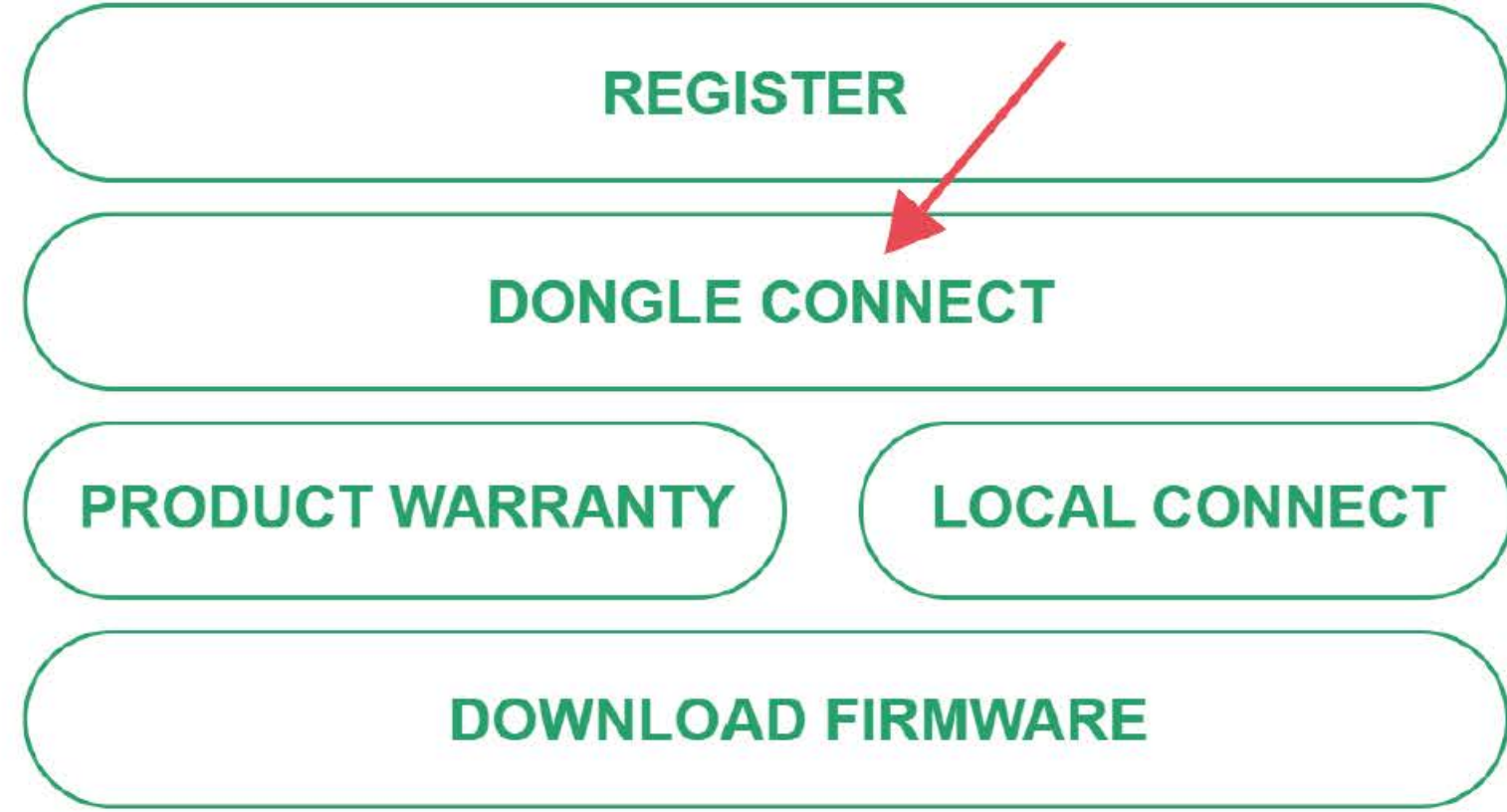


Step 5. Select the server, input HomeWiFi account password.

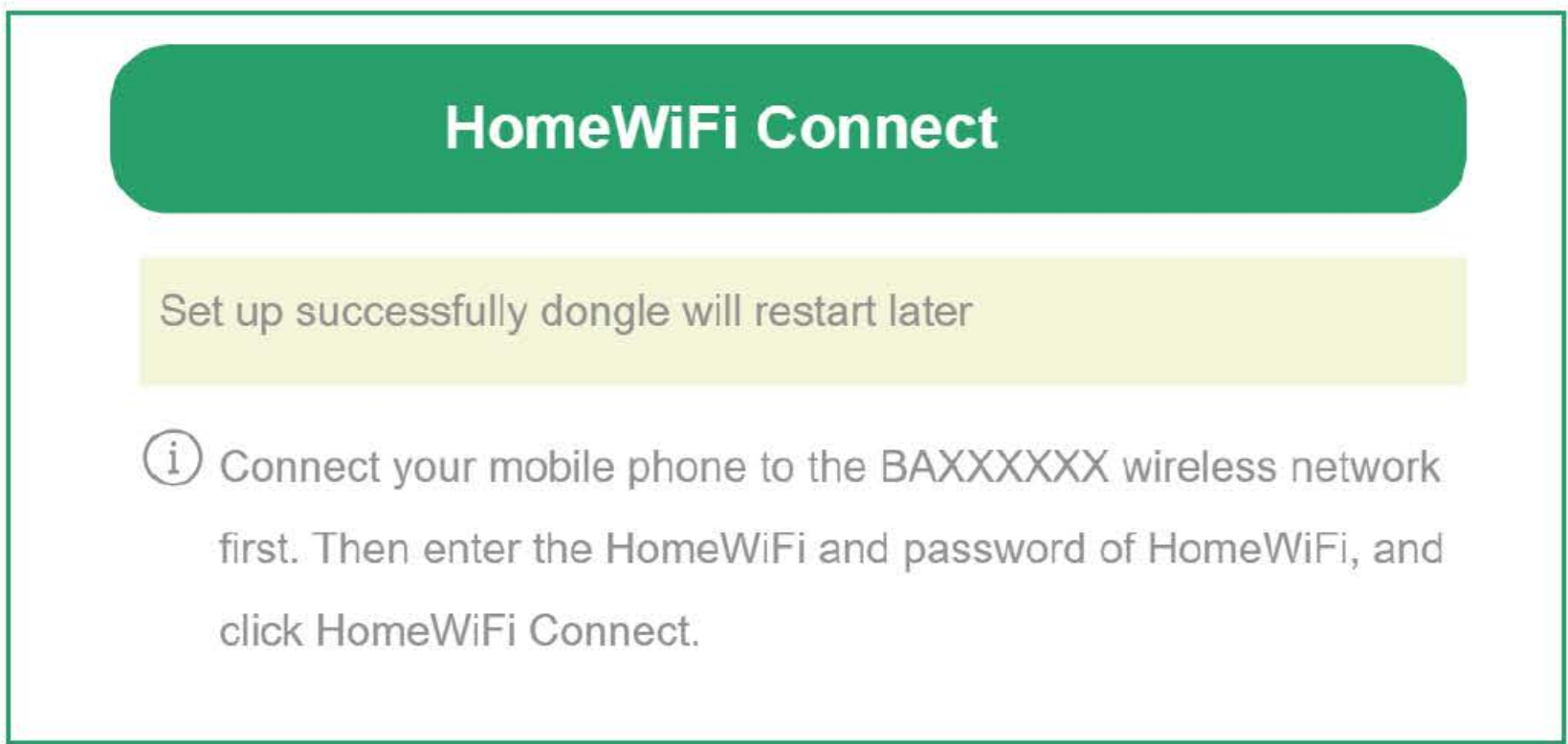
Step 6. Click“HomeWiFi connect”, you will see a notification of “setting success”, and then the WiFi dongle will restart.



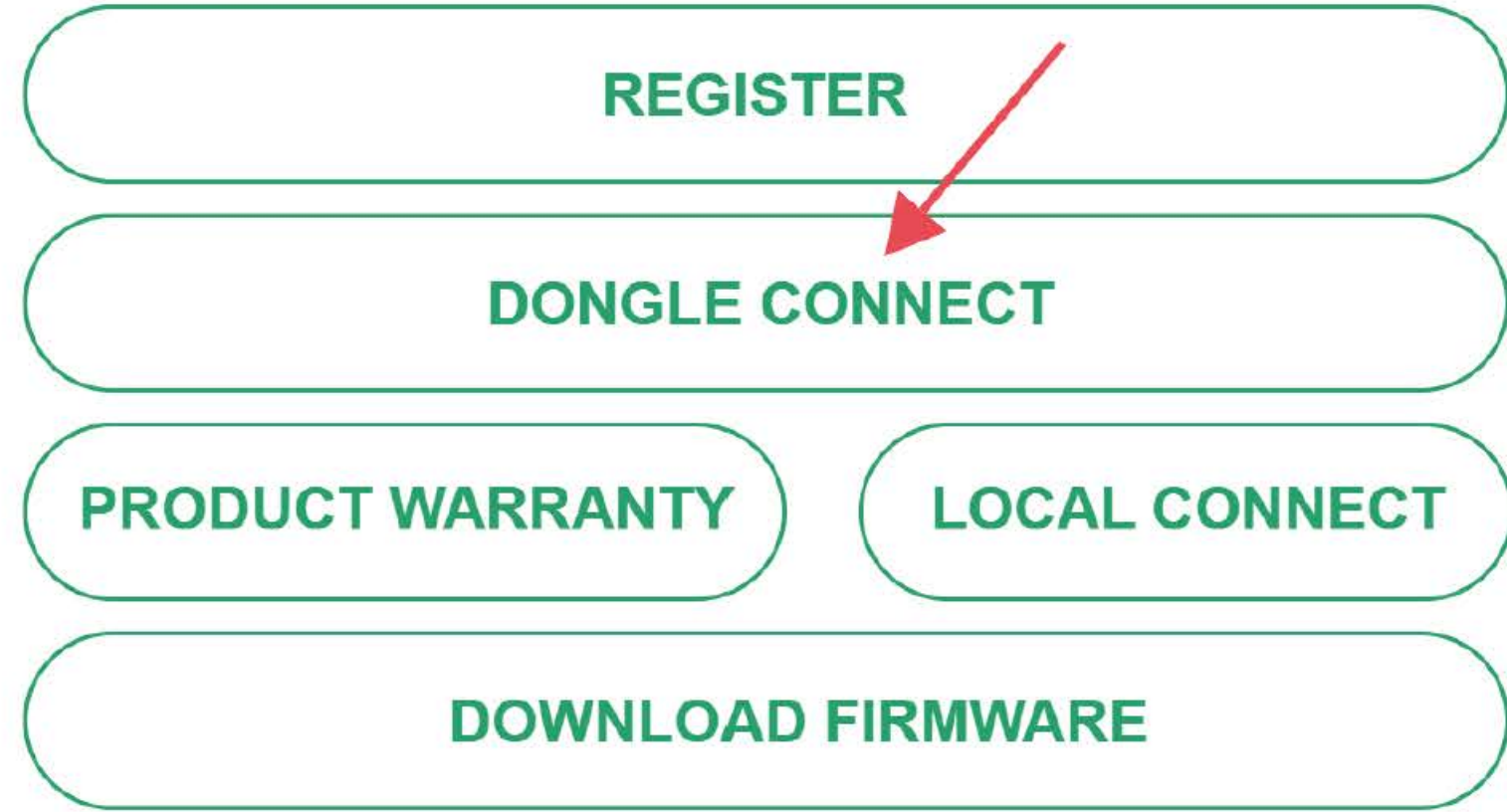
Step 2. Open the APP, click “DONGLE CONNECT”.



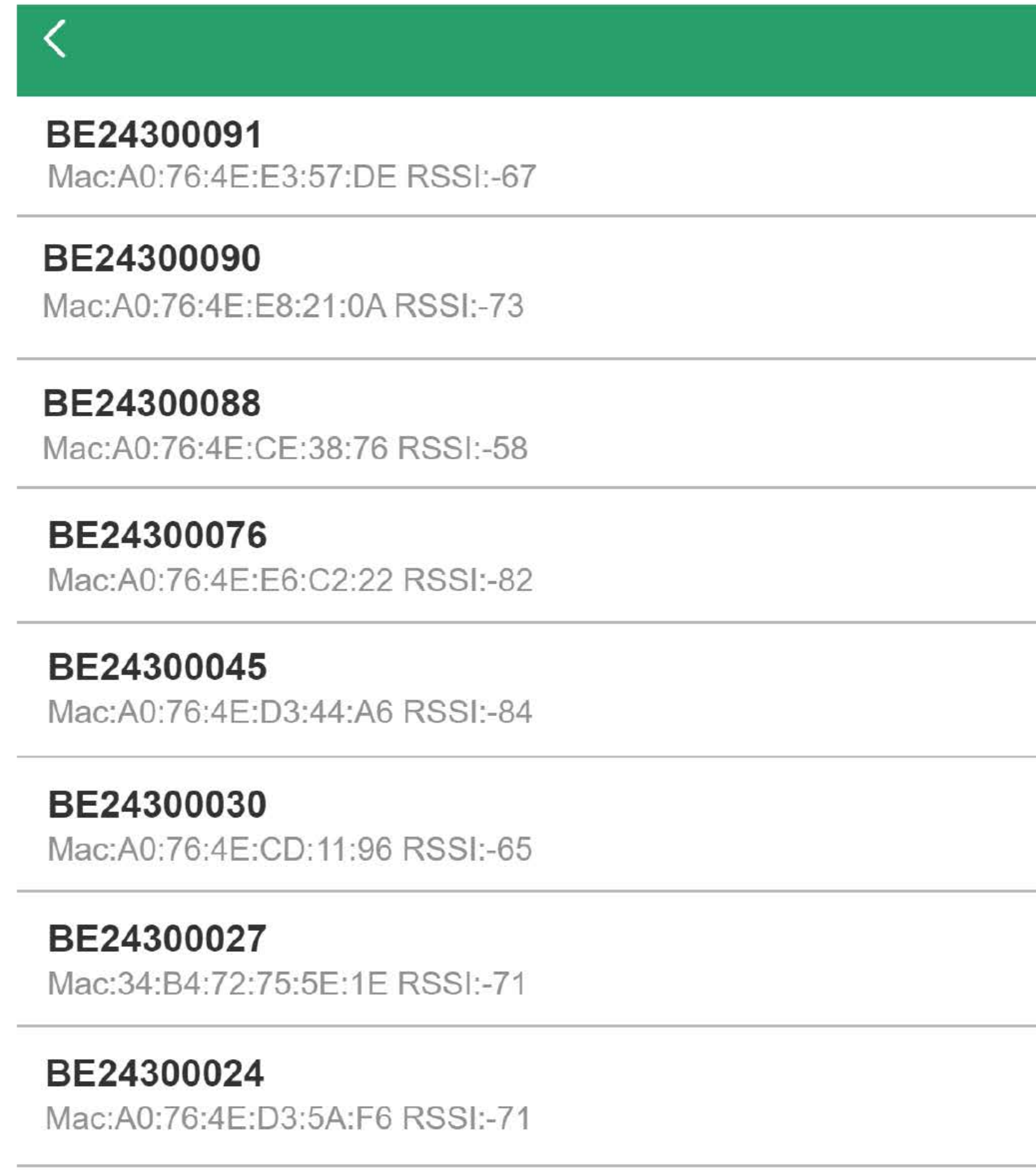
Step 4. Click “HomeWiFi Connect”, then the WiFi dongle will restart automatically, you will see three LEDs of WiFi module become solid on one by one.



Step 2. Open the APP, click “DONGLE CONNECT”.



Step 4. Select the correct dongle serial No.

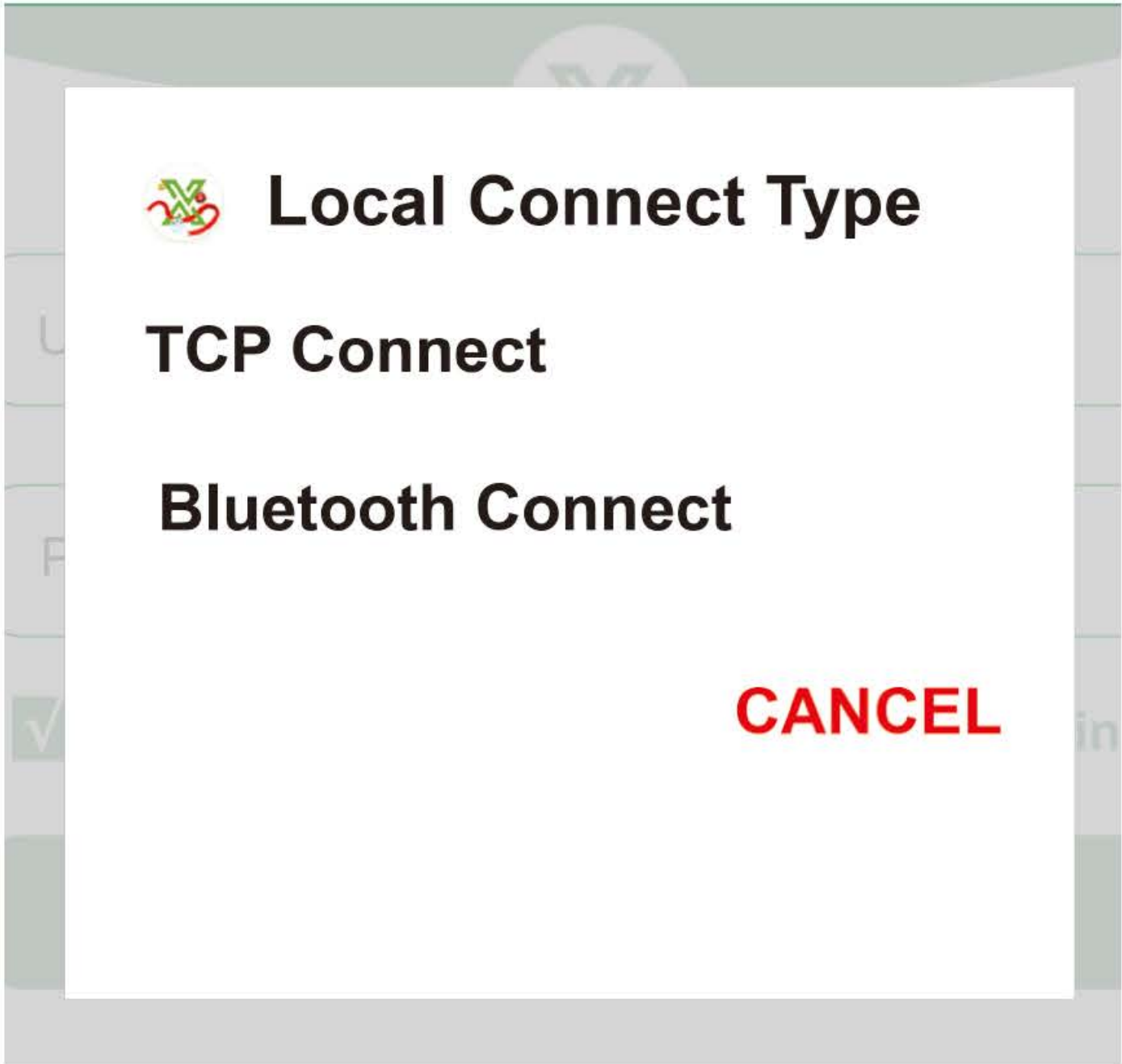
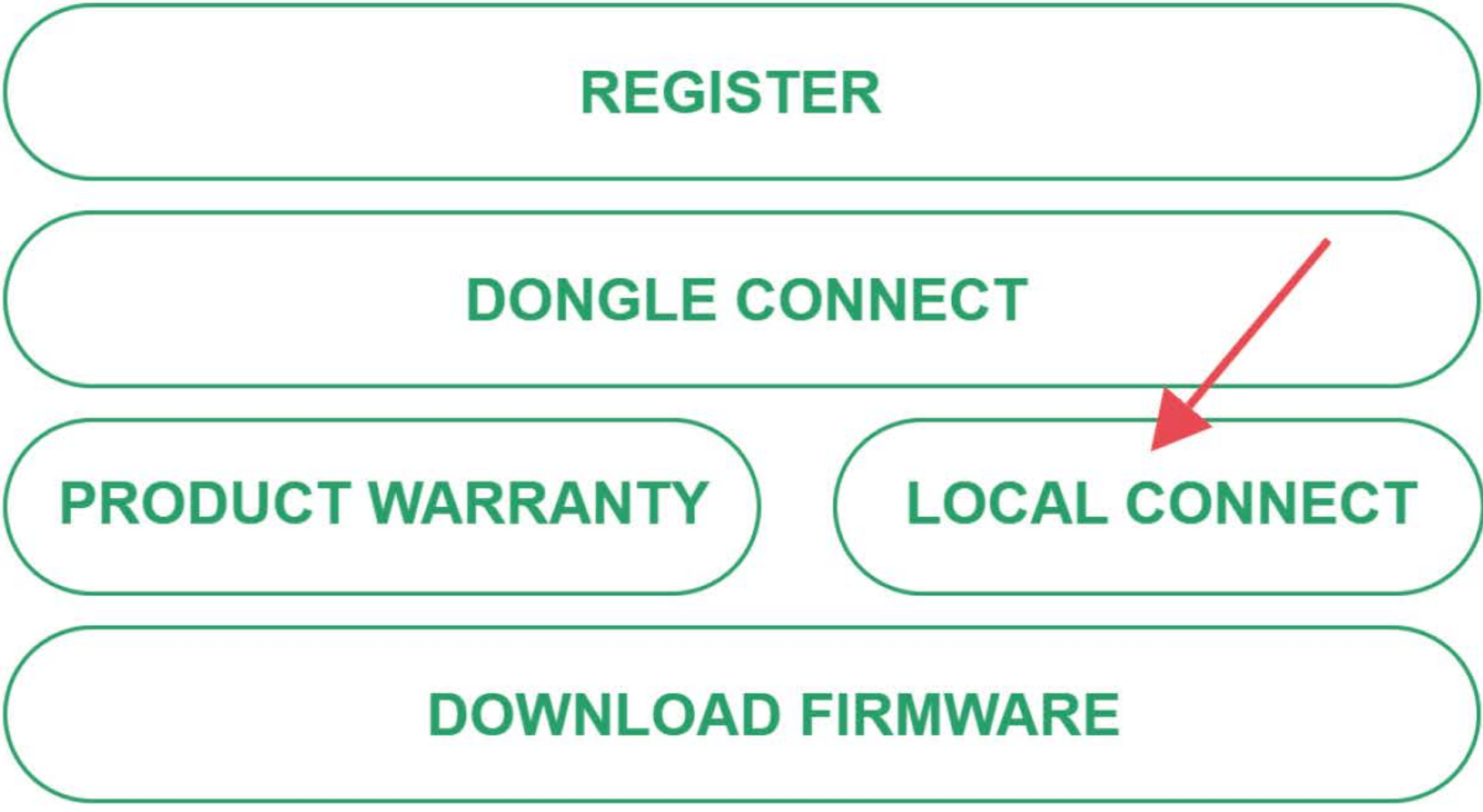


3. If there is no wifi signal at the station, users can use “LOCAL CONNECT” function to monitor and setup the system.

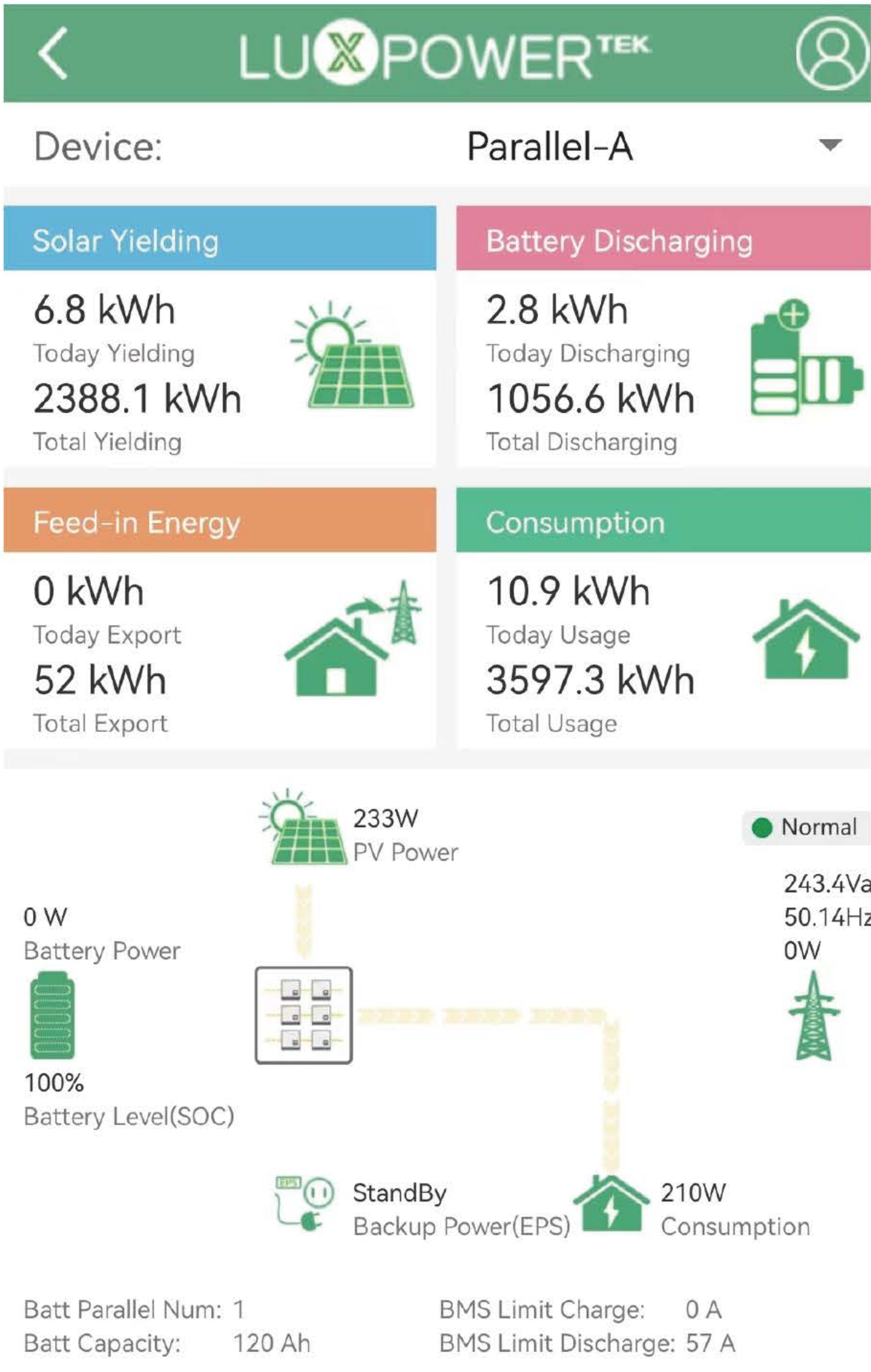
3.1 Use Lux Power for Local Monitor and Setting

Step 1. Turn on mobile Bluetooth, power on the inverter, wait the INV LED becomes solid on.

Step 2. Open the Lux Power Monitor APP, click “LOCAL CONNECT”, click "Bluetooth Connect", select the correct SN.

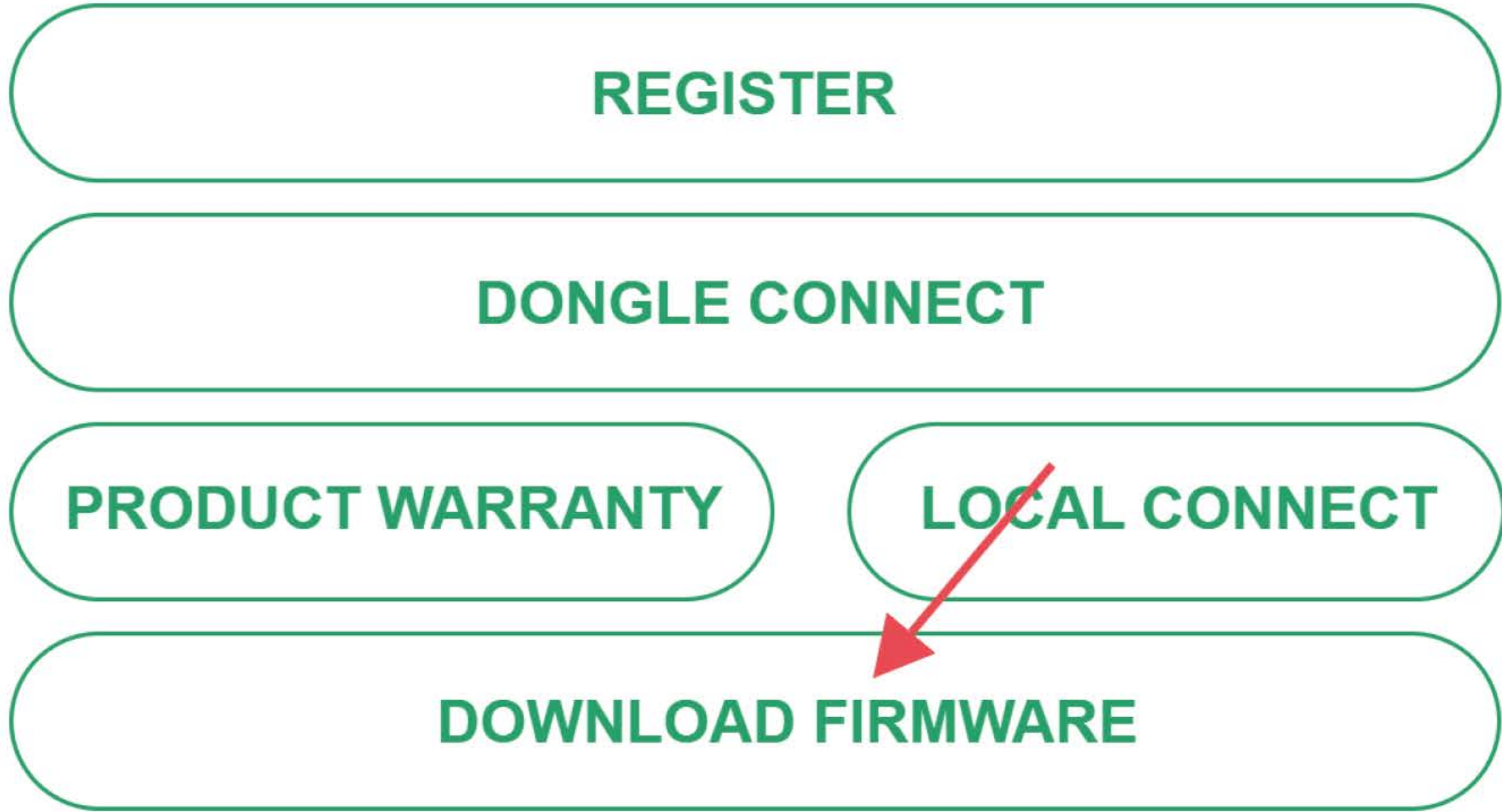


Step 3. Then you can monitor and set the system as below:

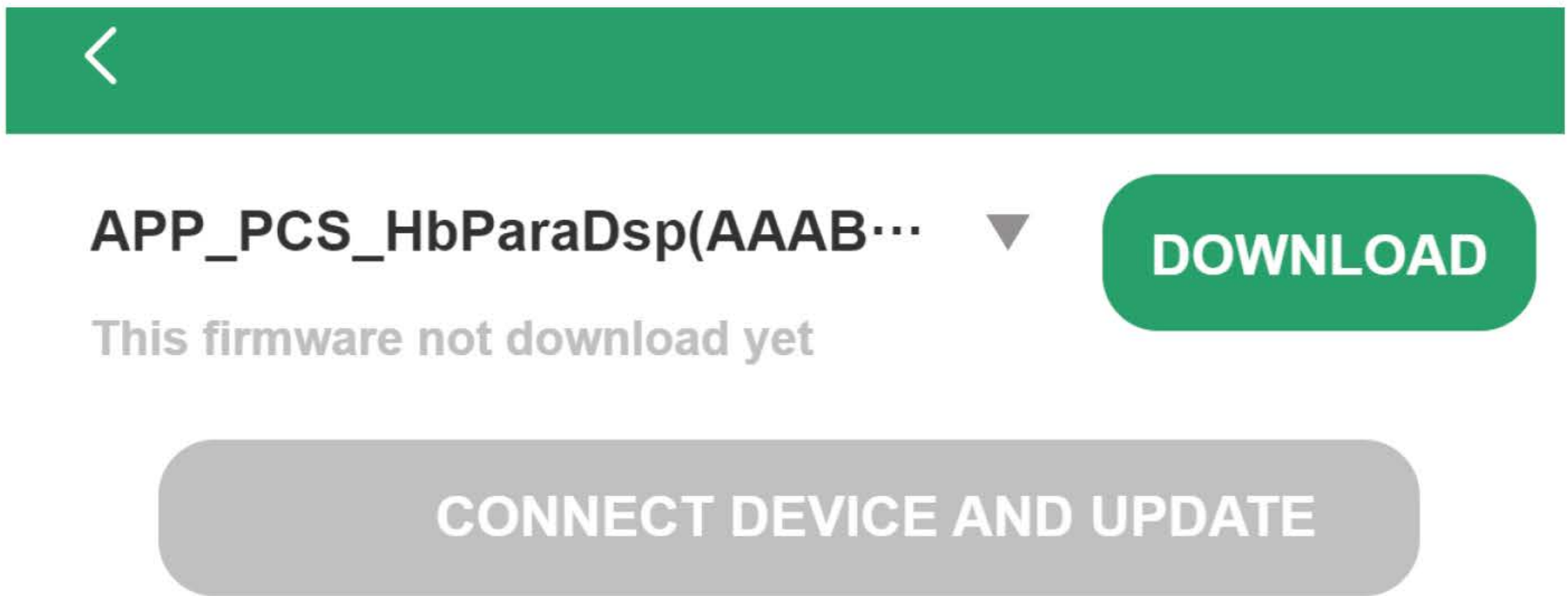


3. 2 Update firmware through Bluetooth(Please contact LUX to obtain the firmware and verify code)

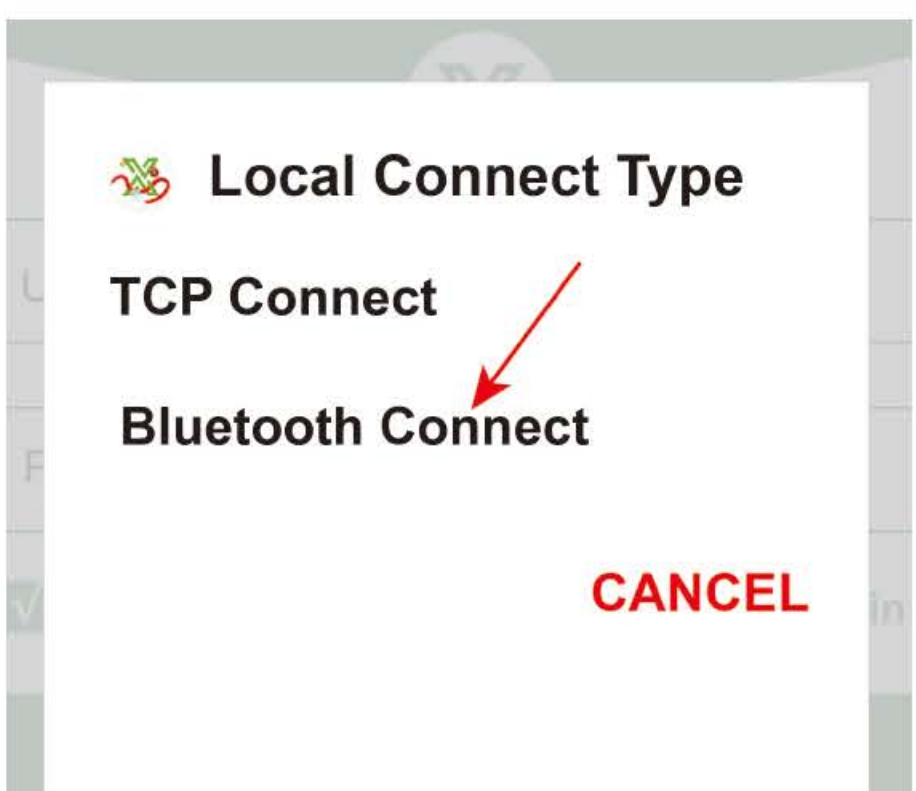
Step 1. Download the firmware on the APP.



Step 2. Please select and download the firmware required for updating. Once you receive a notification of confirming a successful download, please click on "Wi-Fi module update". The firmware is typically uploaded onto the web and named "APP_PCS_****".

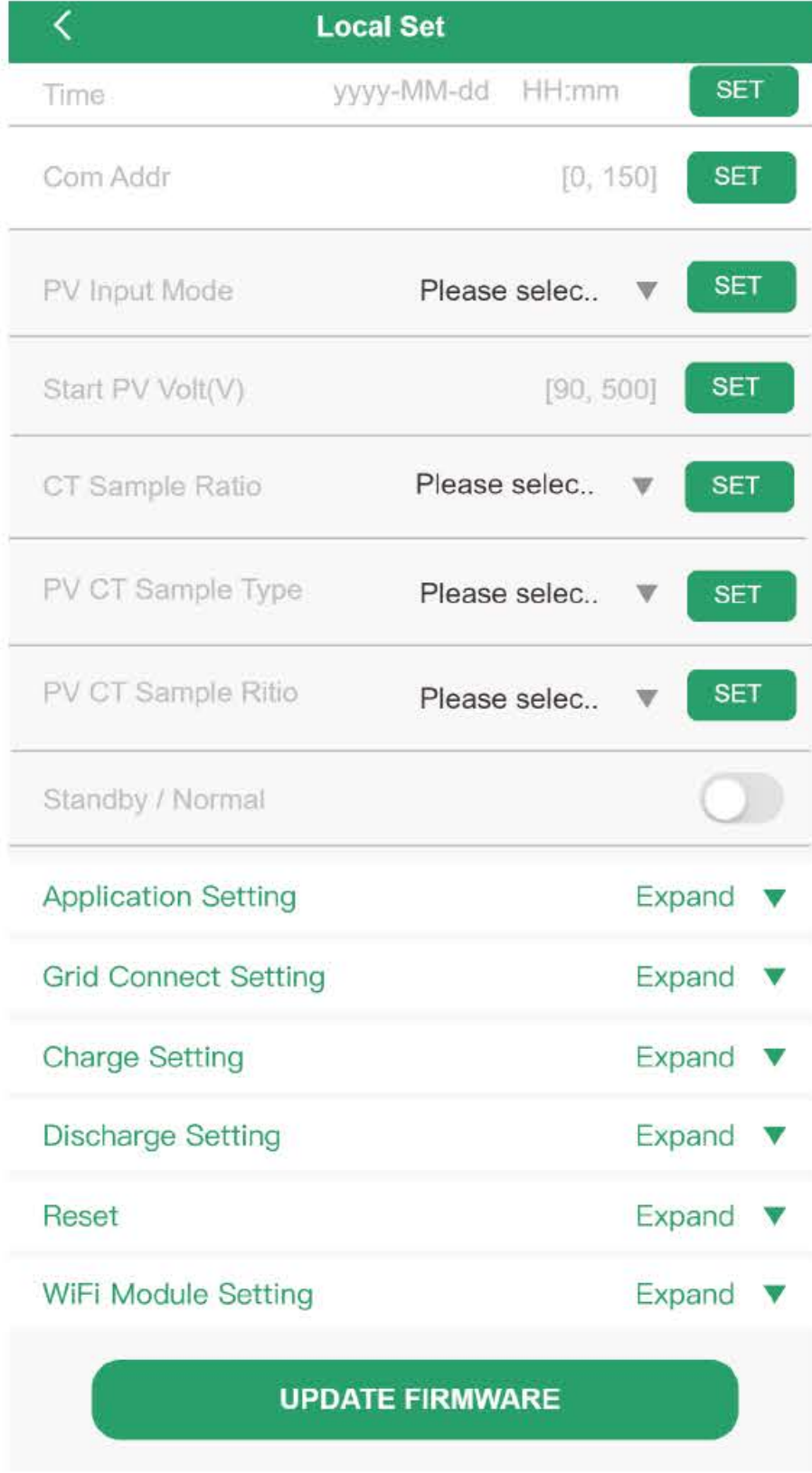


Step 3. Click “Buetooth Connect”.



BE24300091
Mac:A0:76:4E:E3:57:DE RSSI:-67
BE24300090
Mac:A0:76:4E:E8:21:0A RSSI:-73
BE24300088
Mac:A0:76:4E:CE:38:76 RSSI:-58
BE24300076
Mac:A0:76:4E:E6:C2:22 RSSI:-82
BE24300045
Mac:A0:76:4E:D3:44:A6 RSSI:-84
BE24300030
Mac:A0:76:4E:CD:11:96 RSSI:-65
BE24300027
Mac:34:B4:72:75:5E:1E RSSI:-71
BE24300024
Mac:A0:76:4E:D3:5A:F6 RSSI:-71

Step 5. Click “SET” to enter the updating interface and Click “Update Firmware”.



Step 6. Fill in the captcha which is shown on the web.



Step 7. Click“Firmware update”. We will see a notofication of success after finishing the update.



If you have more than 1 inverter and dongle in the system, please follow :

Step1. Register your account with one of dongles’ SN and PIN

Step2. Login your account on the APP or Web

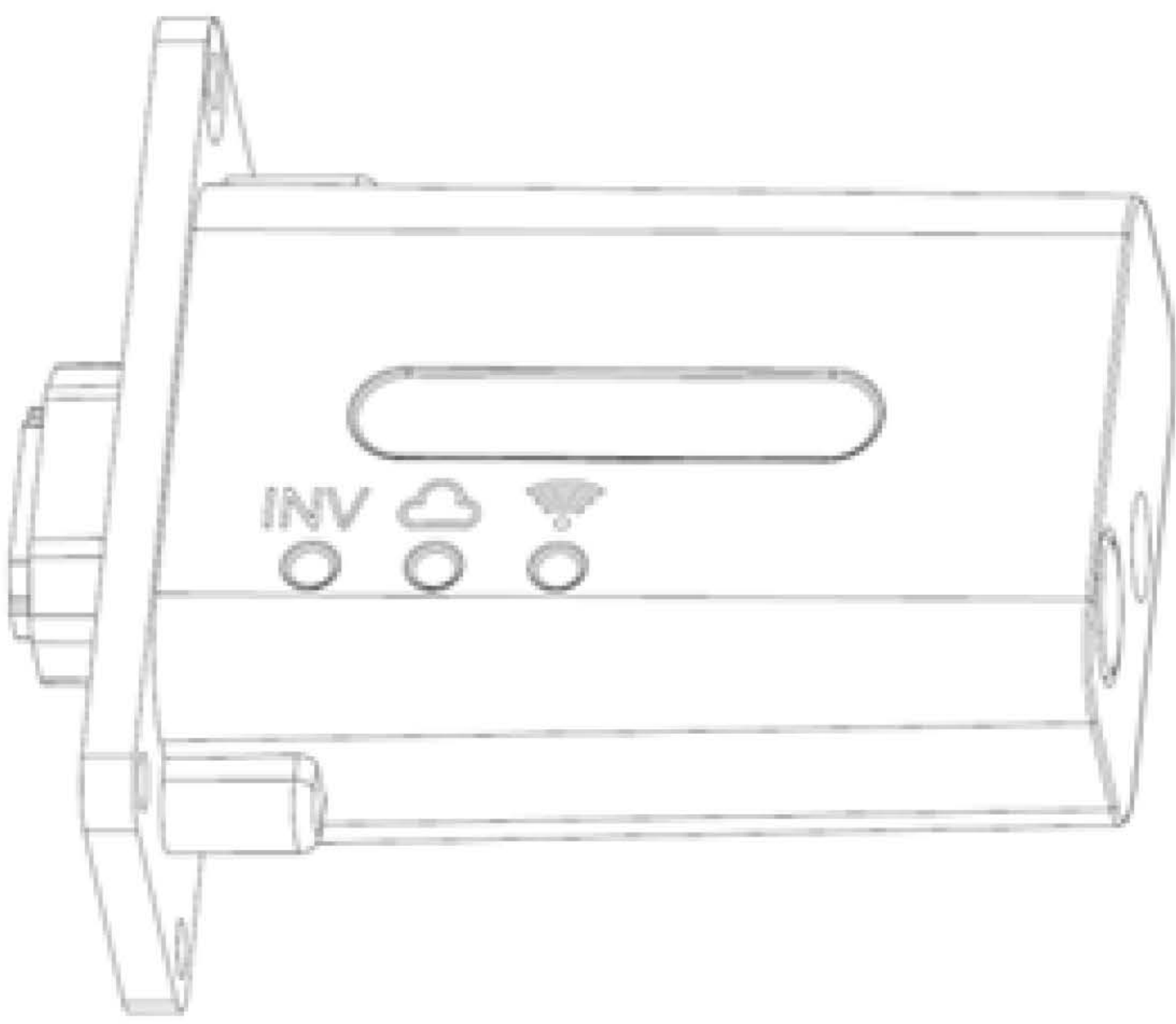
Step3. Add extra dongles’ SN and PIN

Step4. Reconnect the dongle

Step5. Configure WiFi for every module one by one

Serial number	Station type	Station name	Protocol	Station date	Connect Status	Customer code (01)	Station Password (2)	Server ID	Last Update Time	Action
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					

Serial number	Station type	Station name	Protocol	Station date	Connect Status	Customer code (01)	Station Password (2)	Server ID	Last Update Time	Action
123456789	Normal	Normal	12	2023-01-01	Y					
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123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					
123456789	Normal	Normal	12	2023-01-01	Y					



	Presentation of LED State	
INV LED	Communication between datalogger and inverter or converter	
Cloud Icon LED	Communication between datalogger and network	
WiFi indicated LED	Communication between datalogger and HomeWiFi	

LED Status	Working Status	Troubleshoot
All LED lights are solid on	Communication normal	
INV LED flashing	Failure communication between dongle and inverter	Strictly inspect the connection between dongle and inverter
Cloud Icon LED flashing	Failure connection in internet	Check router work normally or not
WiFi LED flashing	Failure connection to router	1.Check if router is successfully connected 2.Check if homewifi name and pass word is correct or not