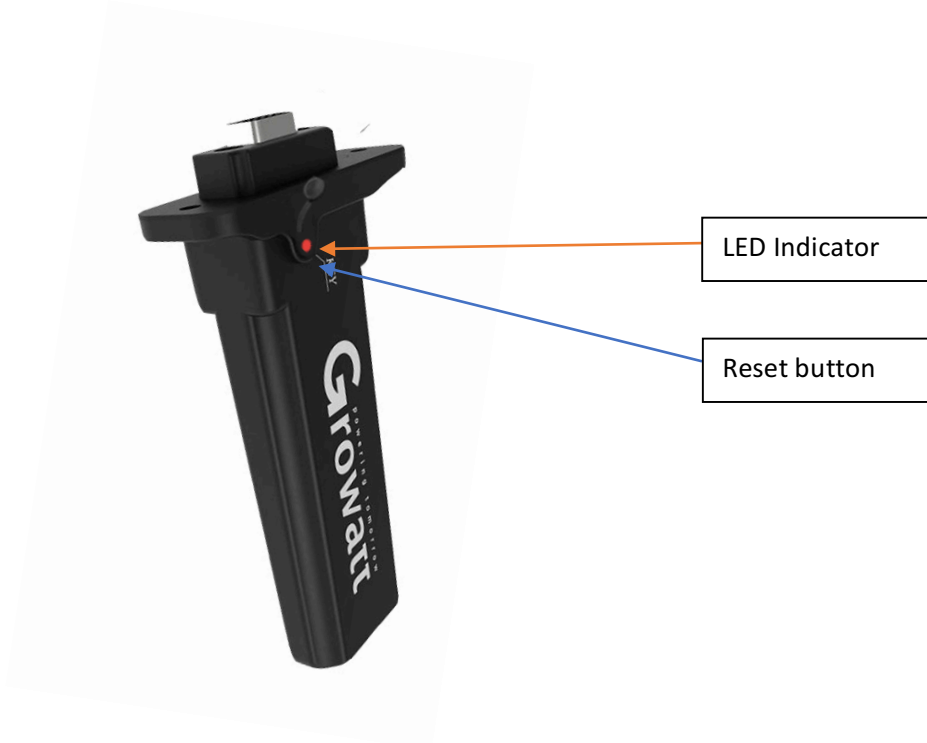


## Growatt MIN TL-X inverter wireless monitoring system setup

There are 2 methods in setting up this, one is through the App, the other is through the AP mode.

Before setup, please make sure your home modem/router is working at **2.4GHz**. If your modem/router is emitting two signals (2.4GHz and 5GHz), please connect your phone to the 2.4GHz WiFi as it offers coverage of farther distance.

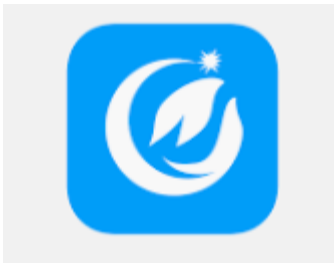
1. Find the data logger/WiFi dongle, this is installed underneath the inverter. Open the rubber cap on the top of the WiFi dongle and find the LED light and Reset button in the hole.



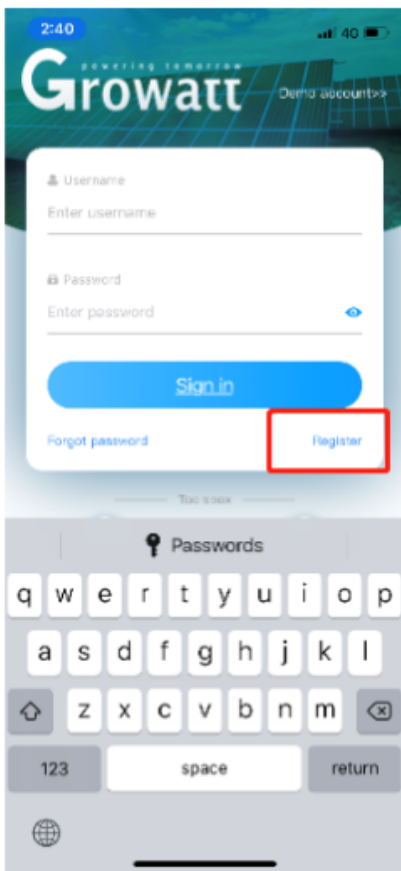
2. Push the Reset button of the WiFi dongle for 6 seconds to reset it.

## Method 1: Configure through the ShinePhone app.

3. When the dongle is reset, the LED indicator should be flashing red. If it is not flashing red, please short push the reset button.
4. Download the ShinePhone app. If you are an iPhone user, you can download it from the App Store. If you are an Android user, you can download it from the Google Play Store.



5. Open the ShienPhone app and click register on the login page.



6. Input the details with red dot in the front. Please leave the installer code in blank if you don't know your installer's code.  
When "Registered Username" can be found on this page, which means your user name has been registered, please try to use another user name.

The screenshot shows a mobile application interface for a registration page. At the top, there is a status bar with the time 2:41, 4G signal strength, and battery level. Below the status bar, there is a navigation bar with a back arrow and the text 'Back' on the left, and the title 'Register' in the center. A grey bar below the navigation bar contains the text 'Current server address:server.growatt.com'. The main form area consists of several input fields, each with a red asterisk indicating a required field. The fields are: 'Country' with the value 'Australia', 'Username' with the value 'Growattau', 'Password' with masked characters, 'Repeat password' with masked characters, 'Phone number' with the placeholder 'Enter phone number', and 'Email' with the value 'Growattau@growatt.com'. Below these fields is a section for 'Installer code' with the placeholder 'Input agent number'. At the bottom of the form, there is a checkbox labeled 'Agree the user agreement' which is checked. A large blue button with the text 'Register' is positioned below the checkbox. The bottom of the screen shows a black horizontal bar, likely a home indicator.

2:41 4G

< Back Register

Current server address:server.growatt.com

\* Country Australia

\* Username Growattau

\* Password ●●●●●●

\* Repeat password ●●●●●●

Phone number Enter phone number

\* Email Growattau@growatt.com

Installer code Input agent number

Agree the user agreement

Register

7. When you successfully register your ShinePhone account, the next step is to create your own plant. You can use any name like your home address or just “my plant” as your plant name.

2:42 4G

Add plant Skip

\* Plant name

\* Installation date

Plant address

From map  Automatic  Manual

\* Australia

27-29 Fariola Street

151.054

\* Time zone

\* PV capacity(w)

\* Plant type

Household plant  Commercial plant  Ground plant

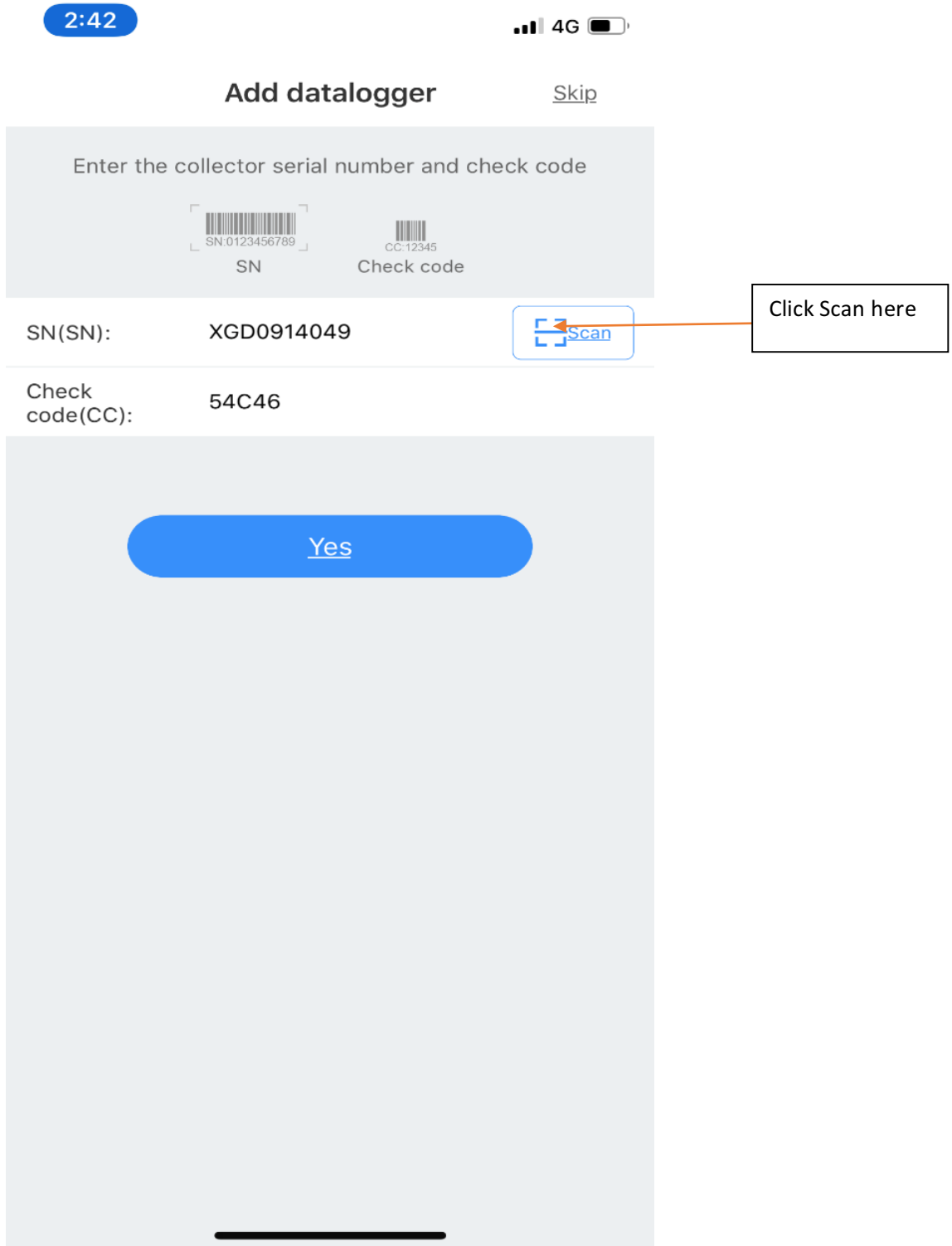
(Conversion standard based on 1kWh power generation)

Fund income

PV Plant picture

Add plant

8. The next step is to add data logger, please click “Scan” and scan the Bar code at the back of the WiFi dongle. If you cannot scan the bar code, please manually input the serial number and the check code. You can find this information on the back side of the WiFi dongle. (You can take a picture from the back of the WiFi dongle by your mobile phone camera)





Serial Number (SN)

Check Code (CC)

9. Click “Click for” to choose your home WiFi network and double-check if the password is correct then click “Set”, it will count down and automatically configure to your home WiFi.

2:43 4G

< Back Set ShineWiFi-X Back

\* 1.Connect your phone to the router to which the WiFi module is to be connected(Please ensure your mobile phone is connected to 2.4GHz WiFi, 5GHz WiFi connection is not supported currently)

2.For a configured ShineWiFi-X, if the router or router password has been replaced, the ShineWiFi-X needs to be reset before configuration. (Please press the KEY button on the datalogger for more than 6 seconds until the LED light is long bright.)

Name: Name of router [Click for](#)

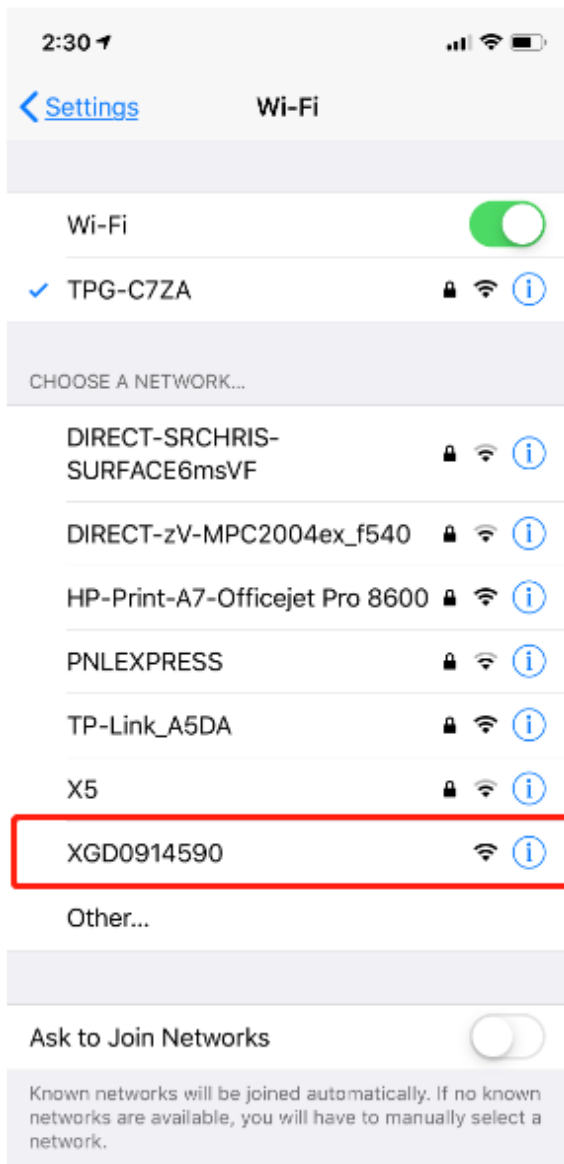
password: Password of router

(The name and password of connected router cannot contain special characters. Please use English letters and numbers)

Set

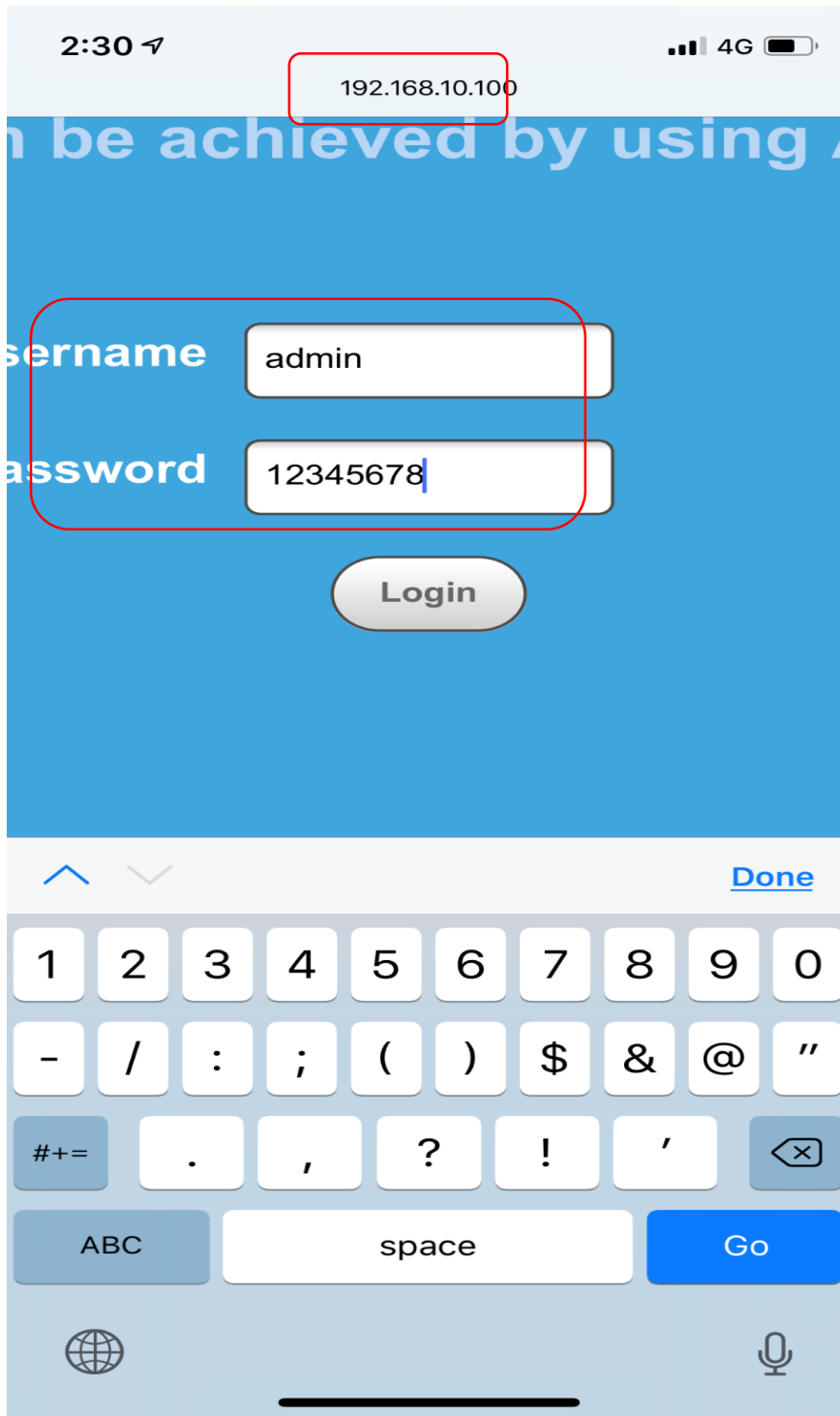
## Method 2: Configure through AP mode.

- a. Follow step 1&2 to reset the WiFi dongle.
- b. Short push the reset button to make the indicator become solid blue.
- c. Open the WiFi setting on your phone and choose the WiFi signal emitted by the WiFi dongle. This name is same as your WiFi dongle serial number

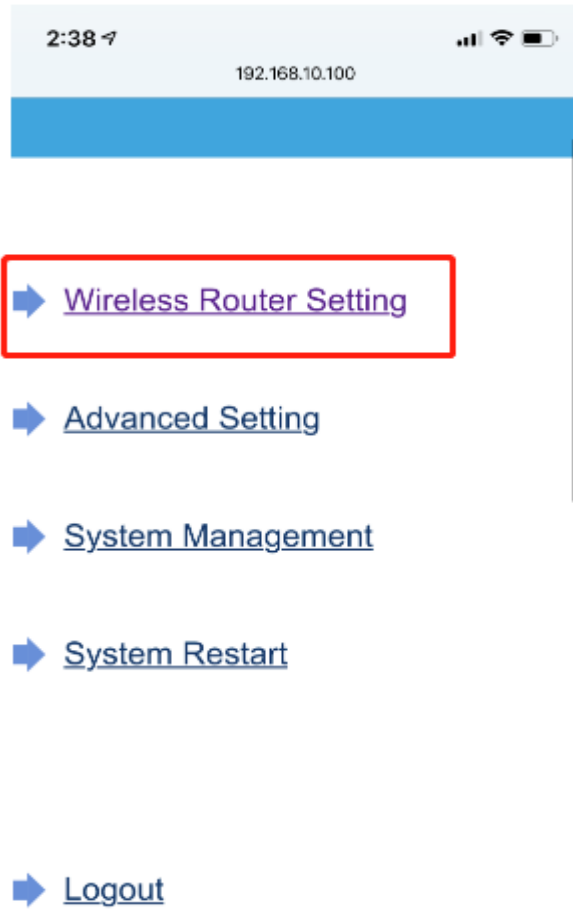




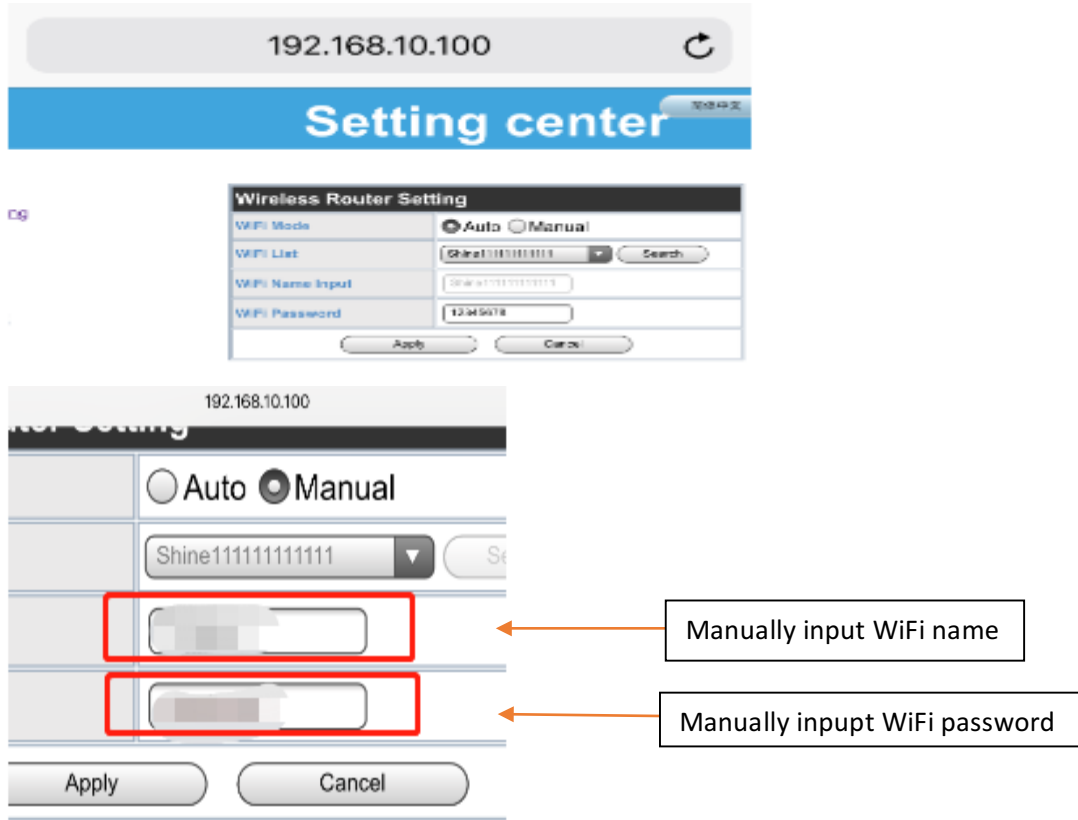
- d. Open a web browser on your phone like the Safari or Chrome, in the address bar, input 192.168.10.100 and click go. The username is admin and password is 12345678.



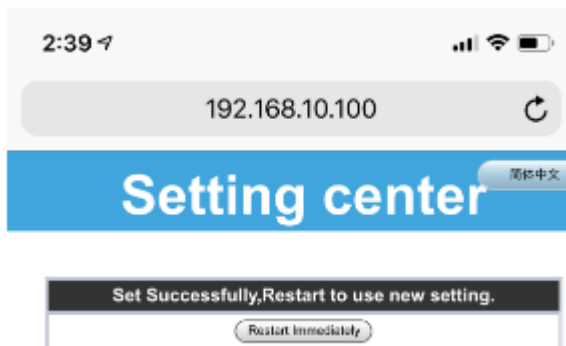
e. Click Login, then click “wireless router setting” on the left.



- f. On the right side, under the WiFi mode, if you choose Auto mode, then click the drop-down error to select your home WiFi network and input the correct WiFi password and click “Apply”. If you choose Manual mode, then please manually input your home WiFi name and password and click “Apply”.



- g. Click “Restart Immediately”



- h. Have a look at the WiFi dongle indicator. If it is flashing blue, that means your inverter has been connected to your home WiFi.
  
- i. Follow step 4 to step 8 in method 1 to add this WiFi dongle into your ShinePhone account and you are able to monitor the working conditions of your solar system through the app.

### WiFi Dongle Status



If the LED light on Wi-Fi dongle is **Blinking RED**, it means the WiFi dongle is waiting to be setup.



If the LED light on Wi-Fi dongle is **Blinking Blue**, it means the WiFi dongle is already setup (working normally)

If the LED light on Wi-Fi dongle is **Solid Blue**, it means the WiFi dongle is waiting to be setup by the Method 2 (AP mode)



If the LED light on Wi-Fi dongle is **Solid Green** , it means:

1. Wifi Signal is bad near the Inverter
2. Wifi password is incorrect
3. Wifi is 5G, not 2.4Ghz

If the LED light on Wi-Fi dongle is **Blinking Green** , it means no household internet.