Datalogger Wifi-X / Wifi-S installation guide

Growatt After Sales Center
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Monitoring Devices Overview

ShineWifi-X

1. USB port, ShineWifi-X supports all -X series inverters,including the MAX series.
2. Tricolor indicating light (RGB).
3. Reset button underneath.
3. QR code.
4. Bar codes at the back.

ShineWifi-S

1. RS232 port, ShineWifi-S supports inverters with RS232 interface.
2. Tricolor indicating light (RGB) inside the rubber cap.
3. Reset button inside the rubber cap.
4. Bar codes at the back.

Note:
① ShineWifi-X compatible with 2.4GHz Wi-Fi and 2.4GHz + 5GHz dual-band wifi in one.
② ShineWifi-S compatible with 2.4GHz Wi-Fi.
③ The datalogger does not support single-band 5GHz router.

Indicators on the datalogger

Both ShineWifi-X and ShineWifi-S have the same indicator information.

1. Flashing Red.
The initial state of the configuration.
2. Solid Blue.
Datalogger is launching hotspot, waiting to use AP mode method.
3. Flashing Blue.
Datalogger has been connected to router and server.
4. Solid Green.
Failed connection, network not 2.4ghz.
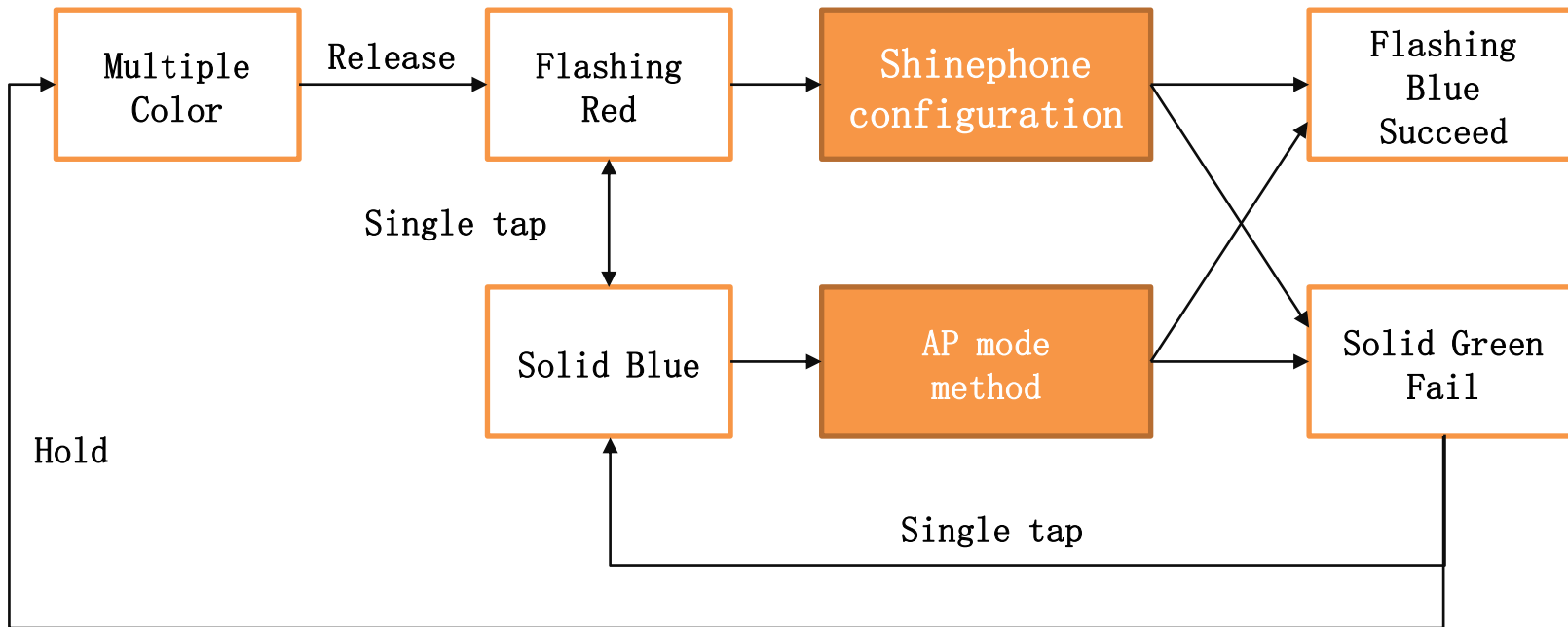Wrong Wifi name/password or in AP mode.
Wifi signal is too weak.
5. Flashing Green.
Datalogger is connected to router, but router has no internet.
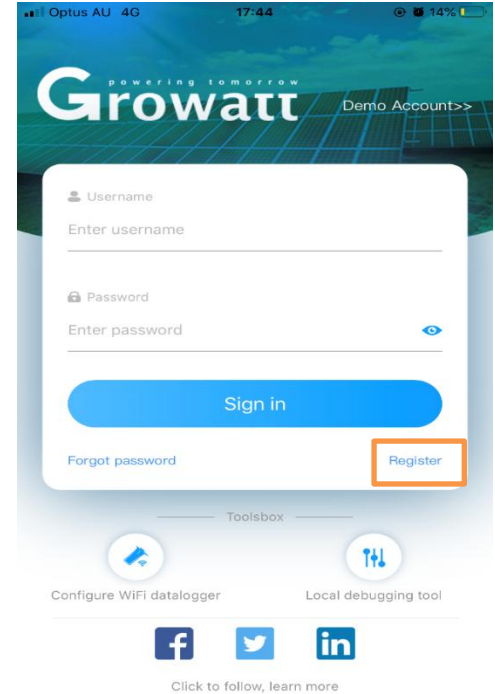
Indicators on the datalogger

Shinephone App registration

Before you begin, please make sure that the datalogger light is red flashing.

Before opening the Shinephone App, make sure your mobile device is connected to the 2.4Ghz Wi-Fi.

Shinephone App registration

The country where the inverter is installed.

Please use your own email address as username.

Set password (at least 6 digits).

Type password again.

Your phone number.

Enter your own email address.

Enter Installer code.

Note:
①Ask the installer to provide the Installer code.
②Users in the Netherlands, Belgium and Germany must fill in the installer code when registering.

Shinephone App registration

| * | Plant name | Enter the Plant name |
| * | Installation date | Select the installation date |

Please enter 'my plant'.

Enter the exact date of installation.

Plant address

Get from the map   Automatic   Manual

* Australia   City

Please enter the full address

Longitude   Latitude

Open the permission to get the address on the phone and select add automatically. The following information about the address will be filled in automatically.

* Time zone   +11

Select the time zone of the country where the inverter is installed.
Fill in the inverter rated power.

* PV capacity(W)   PV capacity

* Plant type

Residential plant   Commercial Plant   Ground-mounted plants

Correct choice of plant type.

(Conversion standard based on 1kWh power generation)

Fund Revenue   DOLLAR

PV Plant picture   Choose the picture to upload

Add Plant

Shinephone App configuration

1. For ShineWifi-X, scan the QR to get SN and CC.
2. For ShineWifi-S, scan the Bar code at back to get SN and CC.

Note:
①Shield the sunlight, aimed at scanning code.
②The serial number on the inverter is different from the datalogger.Please add the datalogger serial number.

Shinephone App configuration(Method 1)
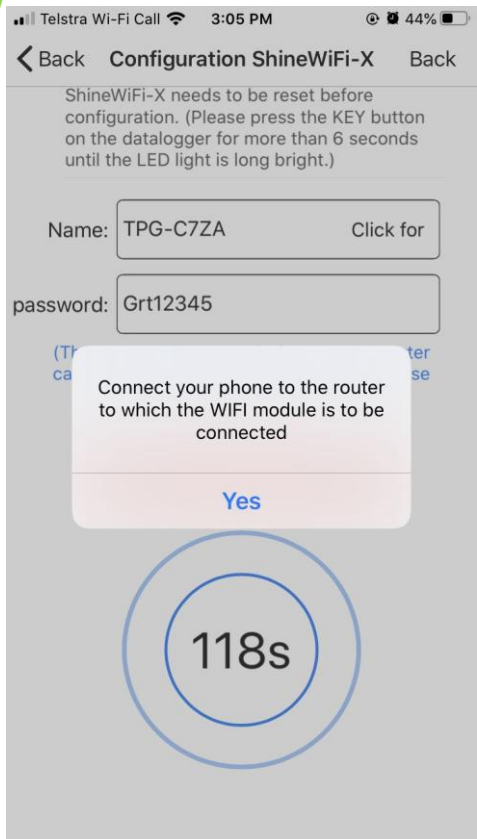

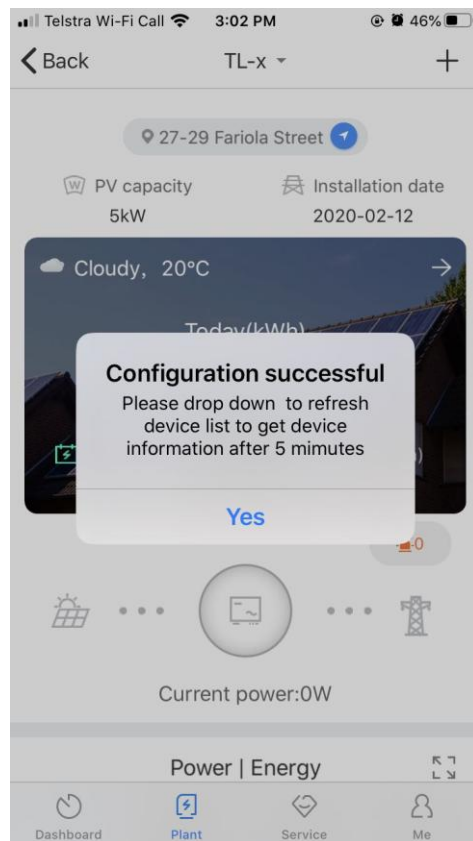Select the 2.4GHz band.

Shinephone App configuration(Method 1)

After the phone is connected to the 2.4ghz network, the Wi-Fi name is automatically filled in the blank.

Please fill in the correct password for Wifi, and pay attention to case sensitivity.

Shinephone App configuration(Method 1)

Click on 'Yes' and wait for it counting down.

If it succeed, it will turn back to the dashboard directly and show this success information.

Shinephone App configuration(Method 2 / AP MODE)

Select the 2.4GHz + 5GHz dual band.The datalogger does not support single-band 5G router.(You can enter the router's built-in page to view the current band of the router).
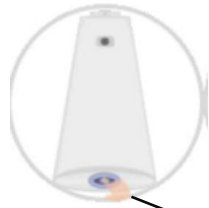
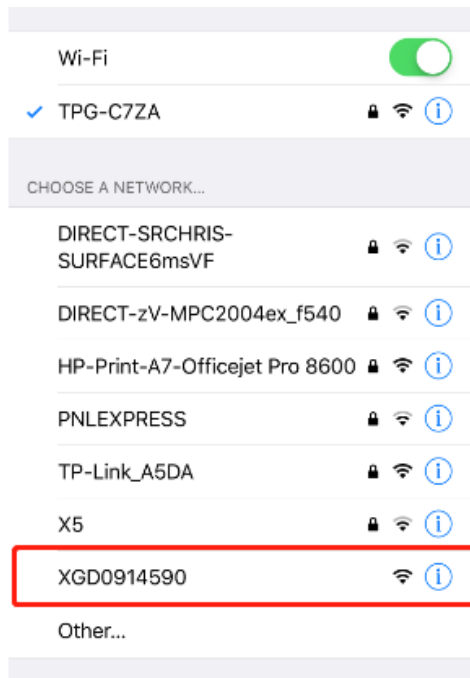# Shinephone App configuration(Method 2 / AP MODE)

1. Short press the datalogger button to enter the hotspot mode (blue LED light is always on).
2. Only in the constant blue state, the datalogger will make the hot spot.

Note:If it changes to other colors, the hot spot will disappear.

1. Open the phone and enter the Wifi Settings interface.

2. Find and connect the hotspot with the same name as the datalogger serial number.

Note:
①In the process of connecting to this hotspot, it may show 'unsecure network', 'whether to continue to connect to this network'. Please continue to ensure that your phone is connected to the datalogger hotspot signal.
②Due to the different security Settings of each phone, the connection to the hotspot may drop and the original Wifi will be automatically connected back. Please reconnect to the hotspot.
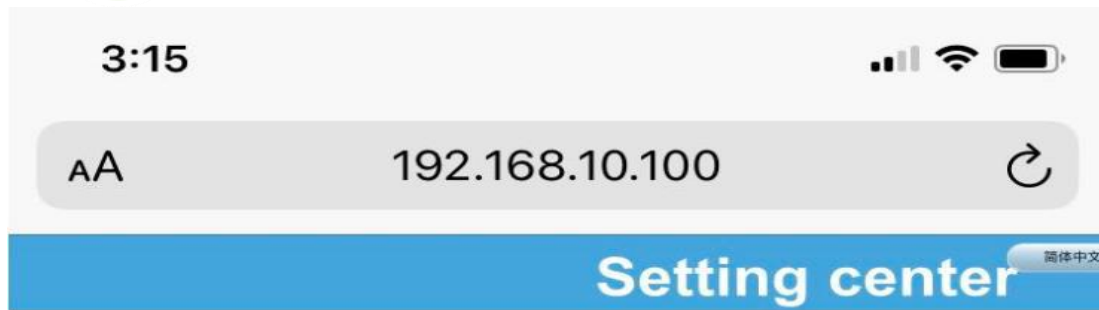
Shinephone App configuration(Method 2 / AP MODE)
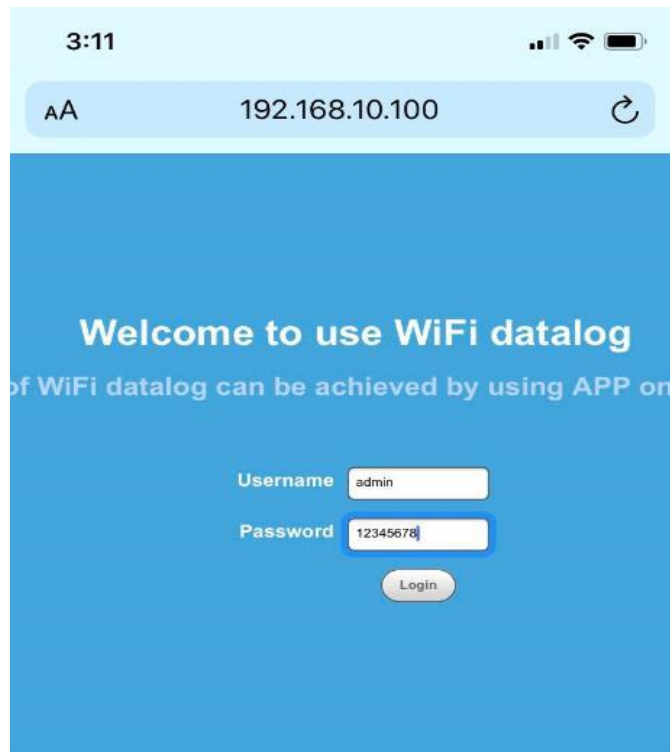
1. Please open a browser and enter the IP address: 192.168.10.100

2. Look at the interface shown in the picture on the left.
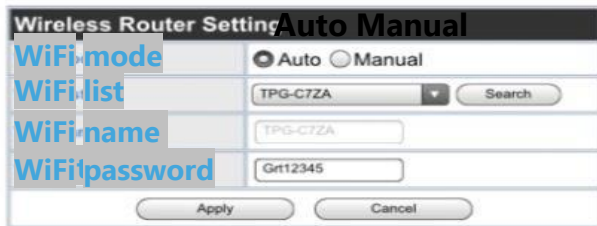3. Username is 'admin'.

4. Password is '12345678'.

5. Click 'Login'.

Shinephone App configuration(Method 2 / AP MODE)

1.Please choose 'Auto' mode.

1.1 Please choose 'Auto'. Click Search, when the search is complete, select the your home Wifi name, and then fill in the password.
1.2 Please double check you enter the correct password as these parts are capital sensitive.
1.3 Please click on 'Apply' if you are sure the name and password are right.

2.Please choose 'Manual' mode.

2.1 Manually input 2.4GHz + 5GHz dual band or 2.4Ghz Wifi name and password in 'Wifi'.
2.2 Please double check you enter the correct Wifi name and password as these parts are capital sensitive.
2.3 Please click on 'Apply' if you are sure the name and password are right.

Shinephone App configuration(Method 2 / AP MODE)
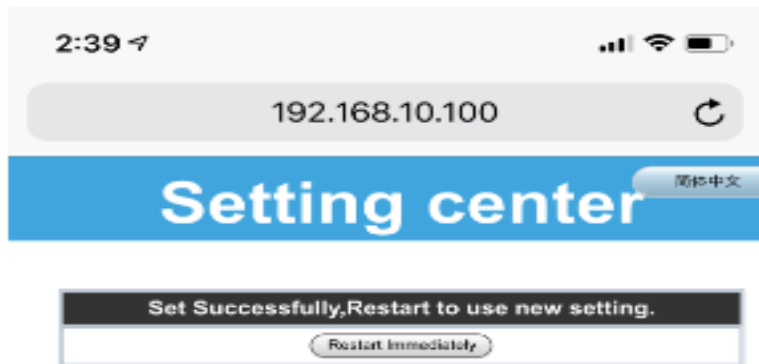

1. When the website turns to the left page, please click on 'Restart Immediately'.

2. Check the indictor, Blue flashing means it is connected. Solid Green light means it is not connected.

Shinephone App reconfigures the datalogger
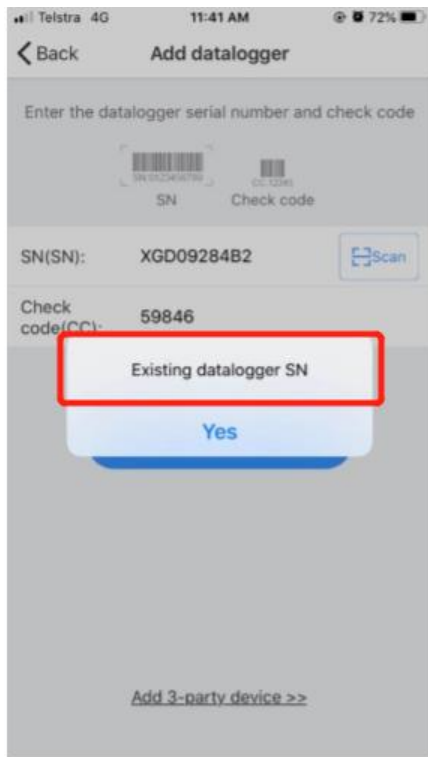
1. If 'Existing datalogger SN' appears during the process of adding a data logger.

2. Please refer to pages 19 and 20 to reconfigure the datalogger.

Shinephone App reconfigures the datalogger

Select Plant

Select the target Plant

Select the + symbol in the upper right corner

Shinephone App reconfigures the datalogger

Select datalogger list

Long press the SN
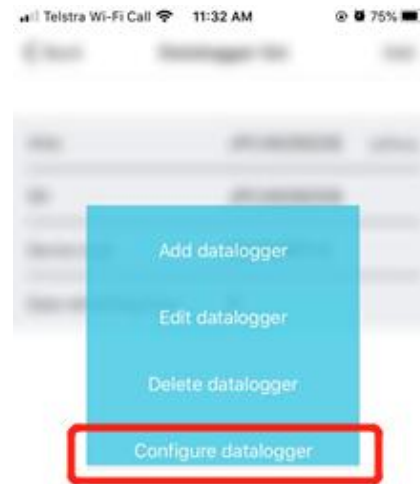
After clicking the Configure datalogger, please go back to page 9 or 12 to do the configuration again
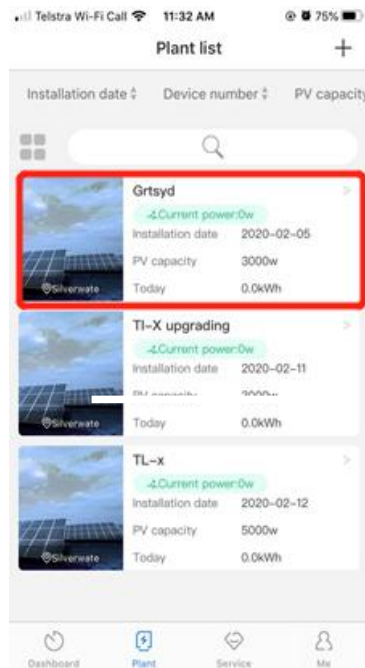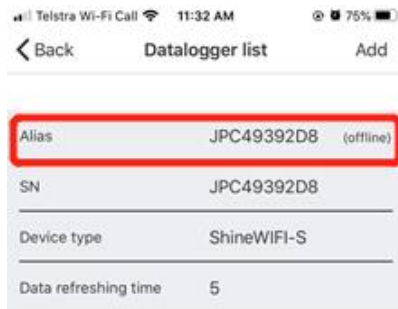
Trouble shooting

Username existing	To avoid the existence of username, please use the email name for registration.
Installer Code	If the end-user do not know the installer code, please leave it blank and go on or contact your installation company.
PV capacity	Please check the model name of the inverter. The digital part can be put into PV capacity.
Existing datalogger SN	①Please go to 'Plant' on Shinephone and find 'Datalogger List' ②Click and hold the datalogger that you added before. ③Click on the 'Configure datalogger' and do the configuration again. ④If there is no datalogger there, please contact Growatt.

Trouble shooting

Blue flashing on datalogger ,no data on Shinephone App	Please go to 'Plant'on Shinephone and click 'add datalogger' and scan the code on datalogger again.
Datalogger is soild green light	Datalogger failed to connect to Wifi. ①Wifi is not 2.4 GHz. ②Enter wrong Wifi name or password when using AP mode. ③Wifi singal is weak.
Wifi is not 2.4 GHz	①Check from the inbuilt IP page of router and disable 5GHz. ②Contact internet supplier to change the Wifi to 2.4 Ghz.
After configuration in Shinephone, the datalogger light is not flashing blue or solid green	Please reset datalogger to flashing red and do the configuration again.

Trouble shooting

Wifi singal too weak	Please check the distance between router and inverter.
How to reset the datalogger	①Hold the button until it shows multiple color and then release. ②After that the light should change to flashing red in a minute.
Datalogger cannot change to flashing Red	①After reset, If it change to solid blue instead of red, please single tap the button again. ②If still cannot change to flashing red, please contact Growatt to check.
AP mode login page cannot be open	①Check if the hotspot of dongle is connected to your phone. ②Refresh the page.
AP mode setting center cannot be open	①Check if the hotspot of datalogger is connected to your phone. ②Refresh the page. ③Reset the datalogger and do again from the beginning.

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Thank you