

Datalogger Wifi-X / Wifi-S installation guide

Growatt Service 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 Wifi and 2.4GHz + 5GHz dual-band wifi in one.
- ② ShineWifi-S compatible with 2.4GHz Wifi.
- 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.

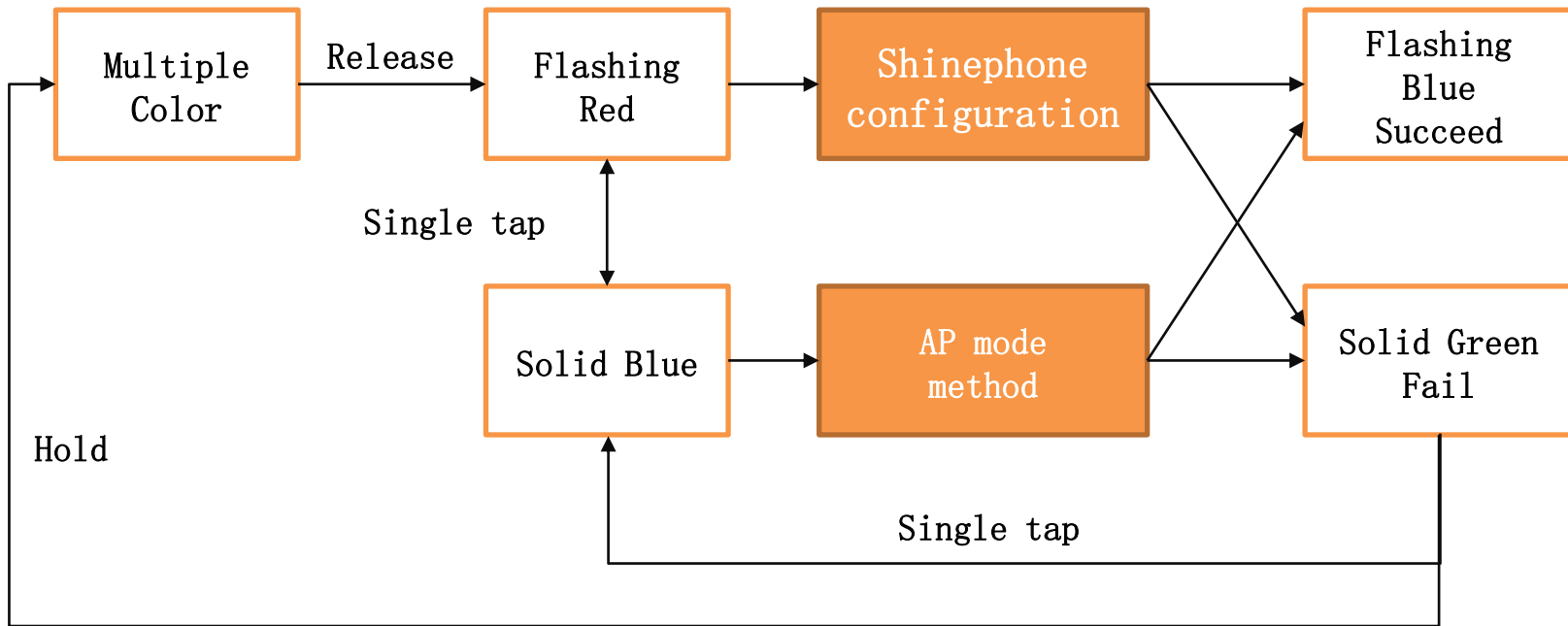
Wifi signal is too weak.

5. Flashing Green.

Datalogger is connected to router, but router has no internet.

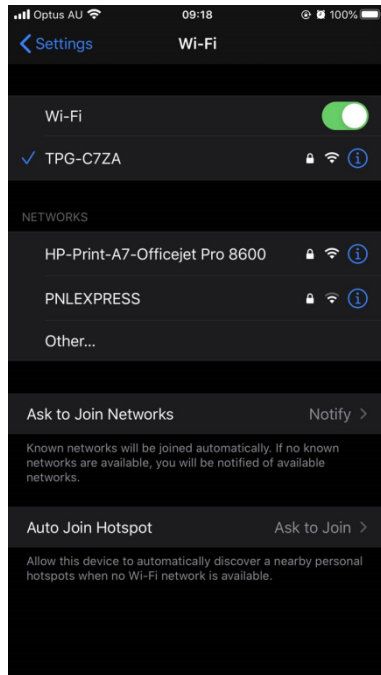


Indicators on the datalogger



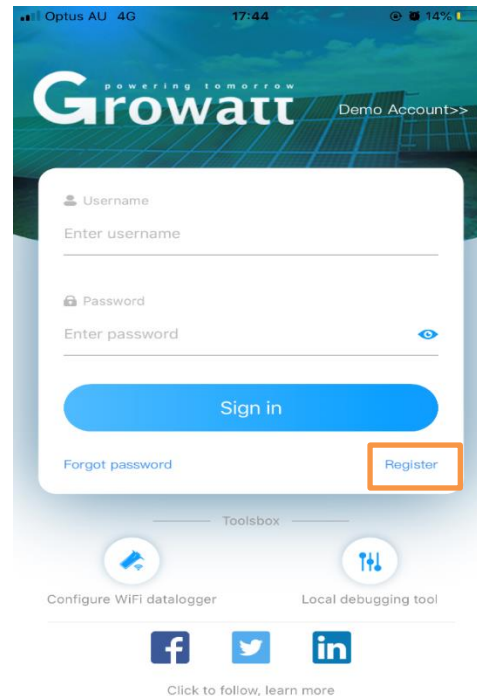


Shinephone App registration



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 Wifi.





Shinephone App registration

Optus AU 4G 17:44 14%

< Back Register

Click to get the server address

Country Choose country

Username Enter username

Password Enter password

Repeat password Repeat password

Phone Enter phone number

Email Enter email

Installer code Input installer code

Agree the user agreement

Register

→ 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:

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



Shinephone App registration

0 kWh 4€ 0 kWh 4€

Add Plant Skip

* Plant name

* Installation date

Plant address

Automatic Manual

* Australia

Please enter the full address

Longitude

* Time zone

* PV capacity(W)

* Plant type

Residential plant Commercial Plant Ground-mounted plants

(Conversion standard based on 1kWh power generation)

Fund Revenue

PV Plant picture

Add Plant

Please enter 'my plant' .

Enter the exact date of installation.

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.

Select the time zone of the country where the inverter is installed.

Fill in the inverter rated power.

Correct choice of plant type.



Shinephone App configuration

Optu. 17:46 14%

Add datalogger Skip

Enter the datalogger serial number and check code

SN 0123456789 CC 12345

SN(SN): Please enter datalogger SN

Check code(CC): Enter datalogger checkcode

[Add 3-party device >>](#)



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)

Optus AU 4G 17:48 14%

Select router connection mode of datalog...

Please determine the frequency band of the router. Please select mode 1 for 2.4G band. Select mode 2 for 2.4G+5G 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)

Method1: 2.4GHz



Select the 2.4GHz band.

Method2: 2.4GHz+5GHz





Shinephone App configuration(Method 1)

Optus AU 17:49 14%

Configuration ShineWiFi-X

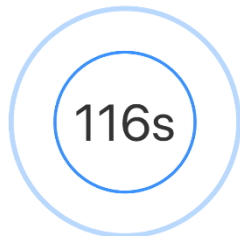
ShineWiFi-X needs to be reset before configuration. (Please press the KEY button on the datalogger for more than 6 seconds until the LED light is long bright.)

Name: Optus_Bf

password: 62RA4l

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

Stop configuration

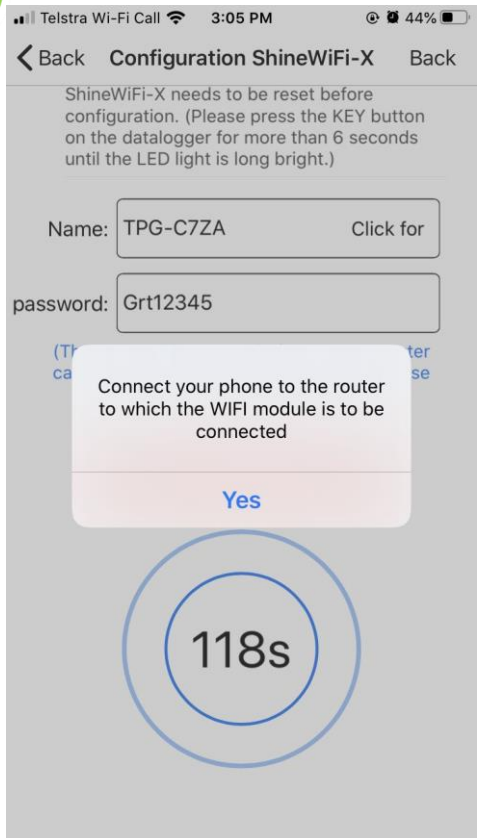


→ After the phone had connected to the 2.4Ghz network, the Wifi name is automatically filled in the blank.

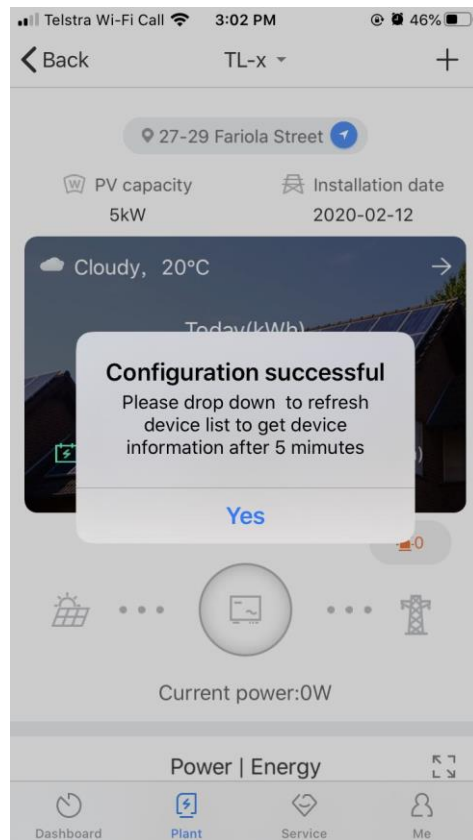
→ Please fill in the correct password for Wifi, and pay attention to case sensitivity.



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)

Optus AU 4G 17:48 14%

Select router connection mode of datalog...

Please determine the frequency band of the router. Please select mode 1 for 2.4G band. Select mode 2 for 2.4G+5G 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)

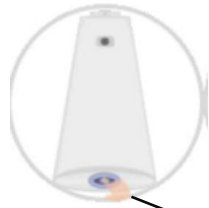
Method1: 2.4GHz →

Method2: 2.4GHz+5GHz →

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)

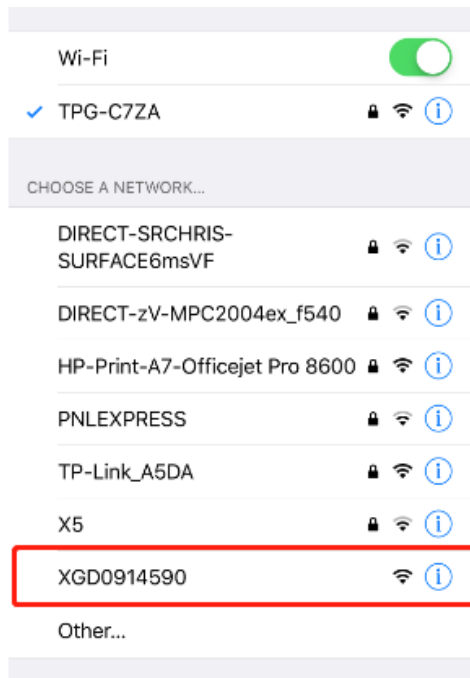


1. Short press the datalogger button to enter the hotspot mode (blue LED light is always on).
2. Only in the constant blue state, the datalogger will make the hot spot.

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



Shinephone App configuration(Method 2 / AP MODE)



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.

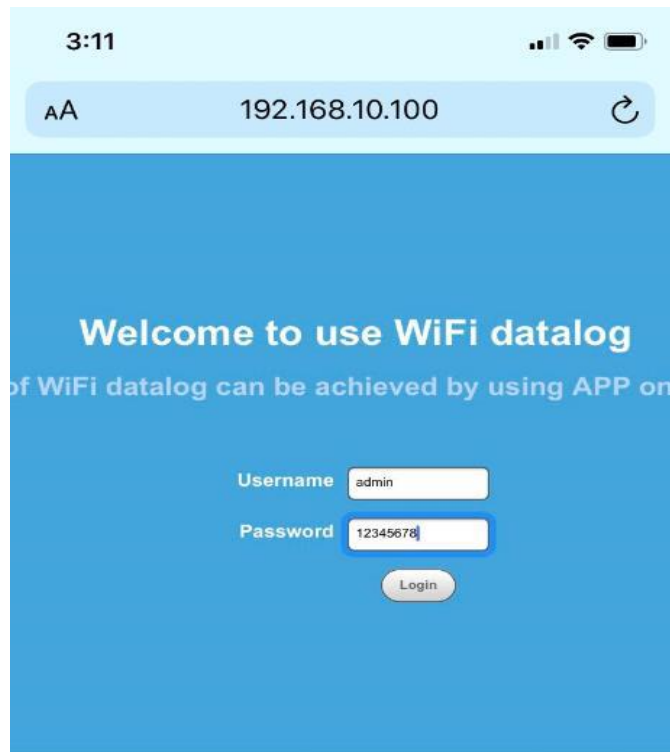
Note:

① In 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.

② Due 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' .

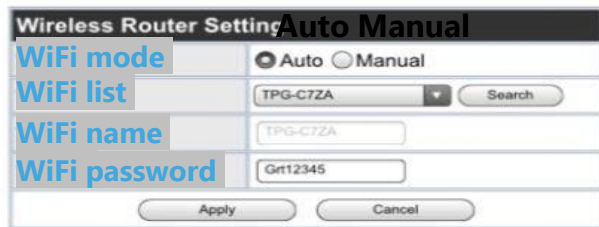


Shinephone App configuration(Method 2 / AP MODE)



- **Wireless Router Setting**
- [Wireless Router Setting](#)
- [Advanced Setting](#)
- [System Management](#)
- [System Restart](#)

- [Logout](#)



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.

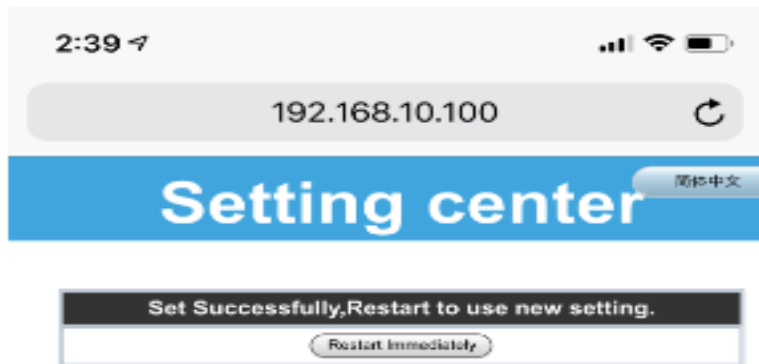
2.1 Manually input 2.4GHz + 5GHz dual band or 2.4Ghz Wifi name and password in 'Wifi' .

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)

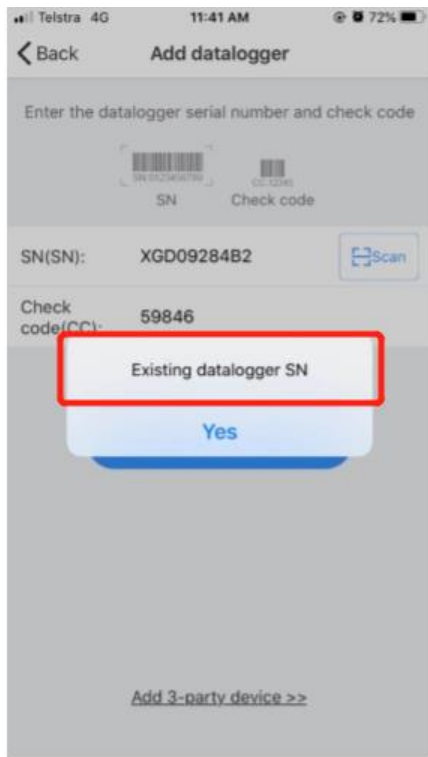


1. When the website turns to the left page, please click on 'Restart Immediately' .

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

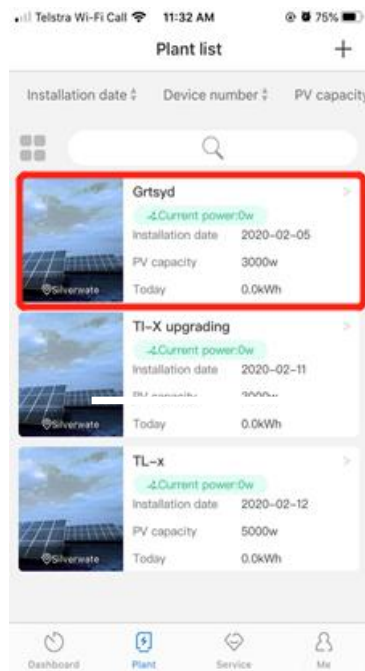


Shinephone App reconfigures the datalogger

Select Plant



Select the target Plant



Select the + symbol in the upper right corner

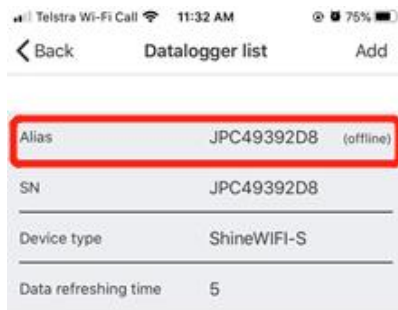




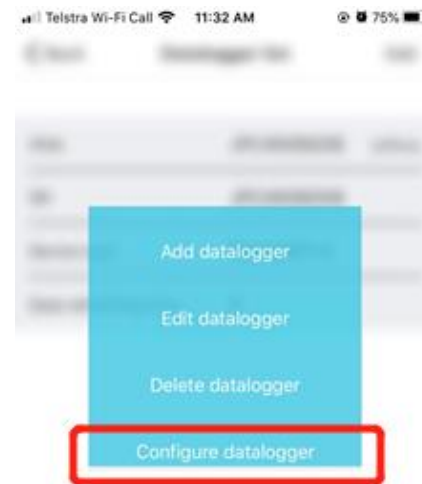
Shinephone App reconfigures the datalogger



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	<ol style="list-style-type: none">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 signal 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 datalogger 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.



Contact us

For warranty claim or technical support please contact our service center:

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Thank you