

ShineWiFi-X/S Configuration Guide

For the latest information, please visit <https://server.growatt.com>.

E service@ginverter.com W www.ginverter.com

For local customer support, please visit <https://www.ginverter.com/support/contact>

Step1. Turn on the inverter and check the connection status

After installing the ShineWiFi-X/S module, turn on the inverter. If the indicator is flashing red, it indicates that the communication between the inverter and ShineWiFi-X/S is normal.

Indication of LED status

LED status	Working condition
Off	Fails to connect to the inverter
Flashing red	Successfully connected to the inverter
Flashing green	Successfully connected to the inverter and the router
Flashing blue	Successfully connected to the inverter, the router and the server

Step2. Download the ShinePhone APP

Scan the QR code below to download the ShinePhone APP, or you can search for ShinePhone in the Apple Store or Google Play to download and install the APP.

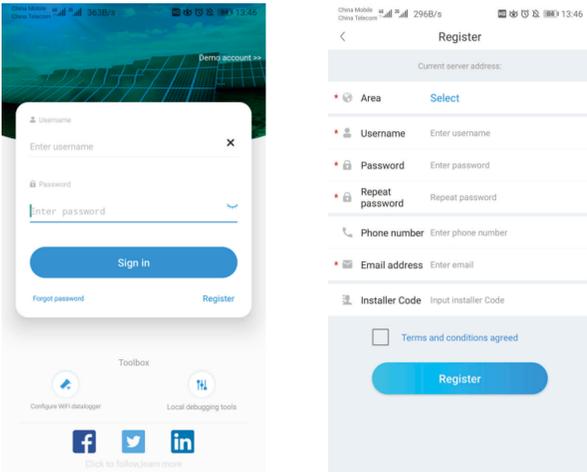
1. Make sure you download the latest version.
2. For further information, please visit <http://server.growatt.com>.



【Android&iOS】

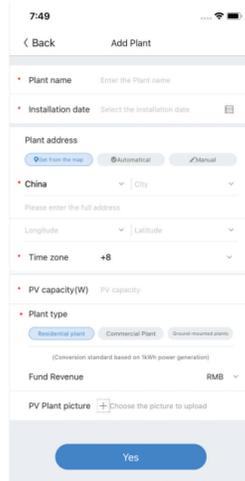
Step3. Register an account

1. Connect the phone to a router via a wireless network;
2. Run the Shinephone APP and go to the registration page;
3. Enter the registration information and click Register.



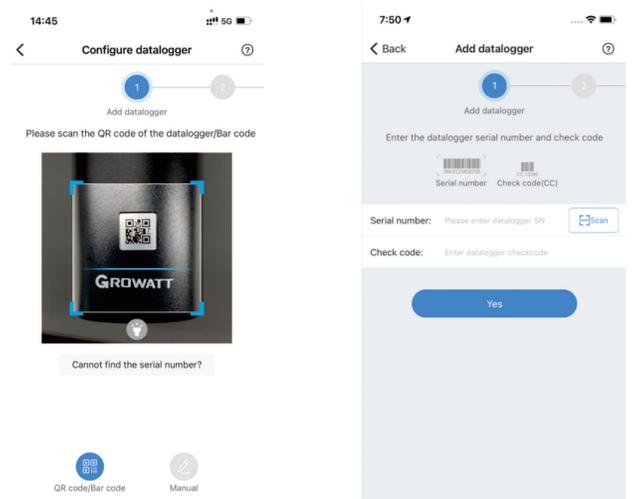
Step4. Add a plant

1. Go to the "Add plant" page;
2. Fill in the plant information;
3. Click Yes to add the plant.



Step5. Add a datalogger

1. Go to the "Add datalogger" page;
2. Scan the serial number or manually enter the serial number and the verification code;
3. Click Yes to add the datalogger.



Step6. Network mode configuration

1. Configure ShineWiFi-X/S in Standard Mode

Standard Mode

Setup wizard

Step 01: Connect the phone to the router
Step 02: Go to Settings to configure the network

Connect to the router to configure the network

Select the home router and enter the password

Once successfully configured, return to the "My plant" page

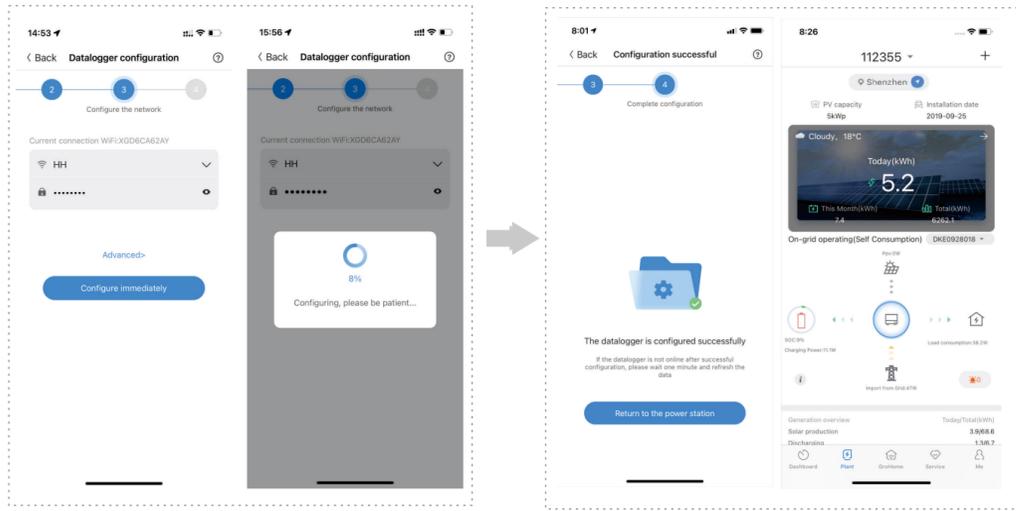
2. Configure ShineWiFi-X/S in Hotspot mode

Hotspot Mode

Setup wizard

Step 01: Press the button on the datalogger to enter the Hotspot Mode
Step 02: Check whether the LED indicator of the datalogger is steady blue
Step 03: Connect the mobile phone to the WiFi which has the same name as the datalogger's SN
Step 04: Go to Settings to configure the local network

Connect to the WiFi which has the same name as the datalogger's SN and configure the network settings. The default password for the WiFi network is 12345678.



Connect to the router to configure the network settings

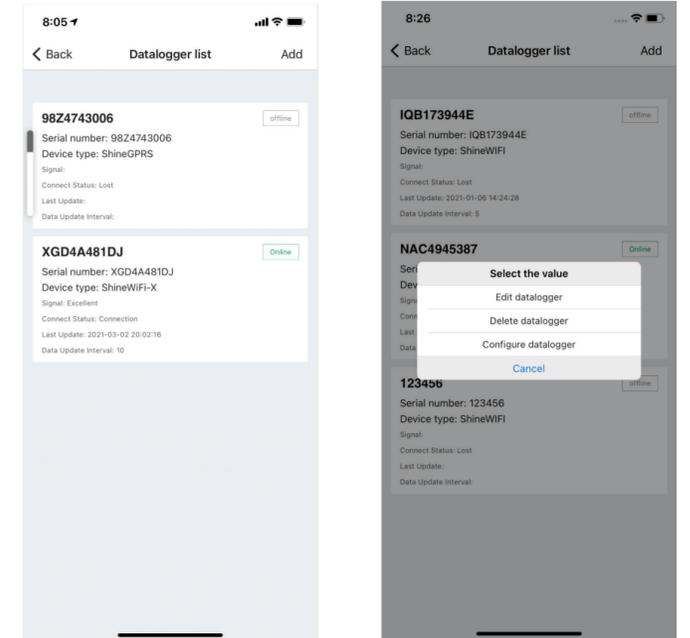
Once successfully configured, return to the "My plant" page

- Step 01: Detect the version of the datalogger
- Step 02: Perform automatic upgrade of the datalogger
- Step 03: The datalogger will restart after the upgrade process
- Step 04: Reconnect to the datalogger hotspot

This procedure should be performed only when the datalogger needs to be updated

Step 7. Check the status of datalogger

1. Log in to the APP using your account, go to the "My plant" page, click the "+" icon to check the datalogger list.
2. From the list, you can edit, configure or delete the datalogger.



Appendix I . Troubleshooting

1. Troubleshooting based on the indicator status

LED status	Indication	Troubleshooting
Off	Fails to connect to the inverter	Check whether the datalogger is correctly and securely connected to the RS232 port or the USB port of the inverter
Flashing green after the configuration has been completed for over 3 minutes	ShineWiFi-X/S has been connected to the router, but not connected to server	Check if the home router is connected to the Internet Check if the router firewall is blocking Port 5279 or Port 5280
Flashing blue after configuration	ShineWiFi-X/S successfully connects to the inverter, the router, and the server	Operating properly
Steady red	ShineWiFi-X/S module is faulty	Replace the ShineWiFi-X/S
Steady green	ShineWiFi-X/S fails to connect to the home router	<ul style="list-style-type: none"> Check the router The router name should be a combination of English letters and numbers; special symbols are not allowed: (""...€¥) For security reasons, please use the encrypted wireless network It does not support public network that use secondary authentication
		Check if you had entered the correct name and password of the home router when configuring it
Steady blue	ShineWiFi-X/S module is in Hotspot Mode	The datalogger is in Hotspot mode

2. ShineWiFi-X/S Button Description

Button operation	Description
When the ShineWiFi-X/S is working normally, click the button on the ShineWiFi-X/S (the indicator will change from flashing to steady-on)	Enter the Hotspot Mode; The Hotspot Mode is a debugging mode, intended for professional use only
When the ShineWiFi-X/S is in the Hotspot Mode, click the button on the ShineWiFi-X/S (the indicator will change from steady-on to flashing)	Exit Hotspot Mode
Press and hold the button for 6s until the indicator displays three colors (red, green and blue) at the same time, then release the button	Restore to factory settings

Appendix II . Frequently asked questions

- Q How to reconfigure the datalogger?**
- A** Press and hold the button for 6s until the indicator displays three colors (red, green and blue) at the same time, then release the button. To configure the datalogger, follow these steps: run the ShinePhone app and go to the "My Plant" page; tap the "+" icon in the upper right corner to access the "Datalogger list"; choose the SN of the datalogger for configuration.
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- Q How to configure the data logger if the router's name or password has been changed?**
- A** For the ShineWiFi-X/S that has been configured, when the router's name or password is changed, the ShineWiFi-X/S needs to be restored to factory settings before reconfiguration. In this case, press and hold the button on the datalogger for more than 6 seconds until the indicator displays three colors (red, green and blue) at the same time. Then release the button immediately. Wait until the indicator flashes red slowly before starting to reconfigure the network.
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- Q What characters are allowed in the router's name and password?**
- A** The router's name and password should consist of a combination of numbers (0-9), letters (A-Z/a-z), and English punctuation marks.
- Valid punctuation marks: (.,?!:@;+=#/()_-'^*&..\$<>[]{}%'")
 - Invalid punctuation marks: ("...€¥);
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- Q What to do if it indicates that the datalogger already exists?**
- A** Run the APP and go to the "My Plant" page. Tap the "+" icon on the upper right corner to view the datalogger list. Click the datalogger with the corresponding SN and configure it again. In case that you fail to find the datalogger, contact Growatt for assistance.
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- Q What router bands are supported by the datalogger?**
- A** ShineWiFi-X/S only supports the 2.4 GHz frequency band and does not support 5GHz. Please check if the router is broadcasting a 2.4 GHz frequency signal.
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- Q The indicator of ShineWiFi-X/S shows it has been disconnected**
- A** Check the indicator status and take appropriate actions accordingly:
- The indicator is off. Check if the inverter is turned on and try to plug in the datalogger;
 - The indicator flashes green, indicating that the datalogger has been connected to the router but not connected to the server. Check the router settings or reconfigure the datalogger;
 - The indicator is steady green, indicating that the datalogger is not connected to the router or the signal is weak. Check whether the router is on or the datalogger is far from the router;
 - The indicator flashes red. Please configure the datalogger following the instructions specified in the guide;
 - The indicator is steady red, please contact Growatt support;
 - The indicator is steady blue, indicating that the datalogger in the Hotspot Mode. You can short press the button to switch to Standard Mode.