

Growatt ShineTools Quick Installation

Step1. Connection between inverter and ShineWiFi/USB-WiFi module

1. Connect your ShineWiFi /USB-WiFi Module to your inverter
2. Download ShineTools in your phone (You can scan the QR code on the right or search ShineTools on the App store /Play Store)
3. In this manual we will take ShineWiFi-X for example, First of all, **pls make sure your ShineWiFi-X is with the latest firmware 3.1.0.2 or a later version**



USB-WiFi (Only for ShineTools -Local Commissioning)



ShineWiFi-X (For ShineTools & ShinePhone)



【Android & iOS】

Step2. Turn on inverter and check ShineWiFi state

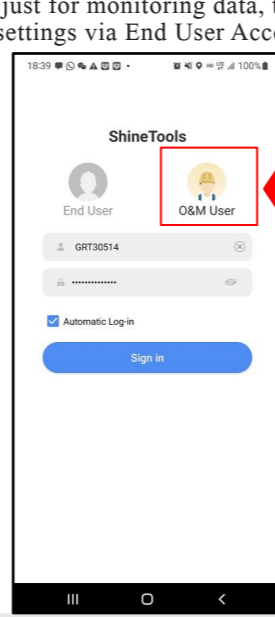
After installing the ShineWiFi module, turn on the inverter, it means it 's normal if the LED is red blinking or solid blue.

LED State	Indication
ALL three LED off	ShineWiFi not connected well with the inverter
Only Red LED flashes	ShineWiFi and inverter communication is OK
Solid Blue	AP Mode(Hotspot Mode)

For ShineTools Configuration

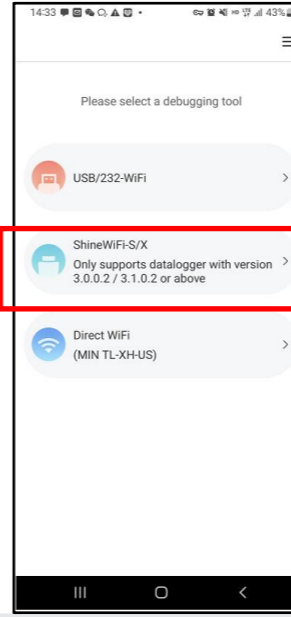
Step3. Logging in to ShineTools

1. Open ShineTools and tap **O&M User**
End User is just for monitoring data, they can only change some basic settings via End User Account



For Installer /Distributor /Growatt Engineer

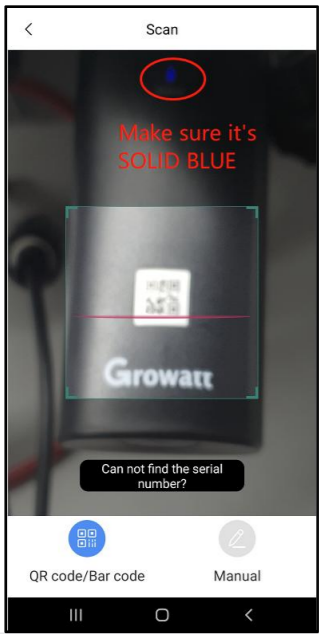
2. Open ShineTools and select the correct model of your data logger as shown below:



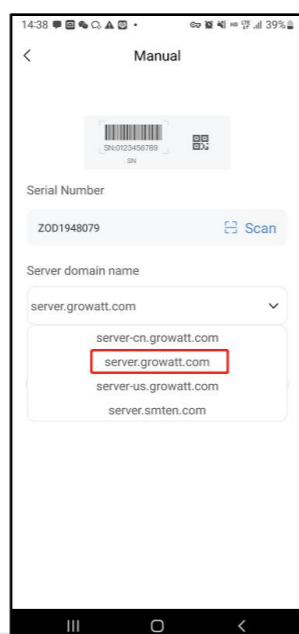
3. Short-press on the bottom button on your ShineWiFi-X to make it enter AP mode as per the guidance below. After it enters AP mode, the LED shows solid blue and then tap **Next**



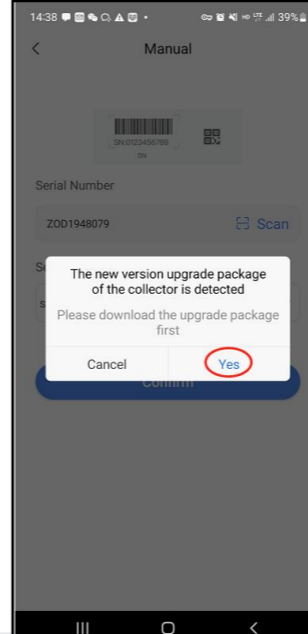
4. Scan the QR code on your ShineWiFi-X



5. Select the corresponding server of your ShineWiFi-X



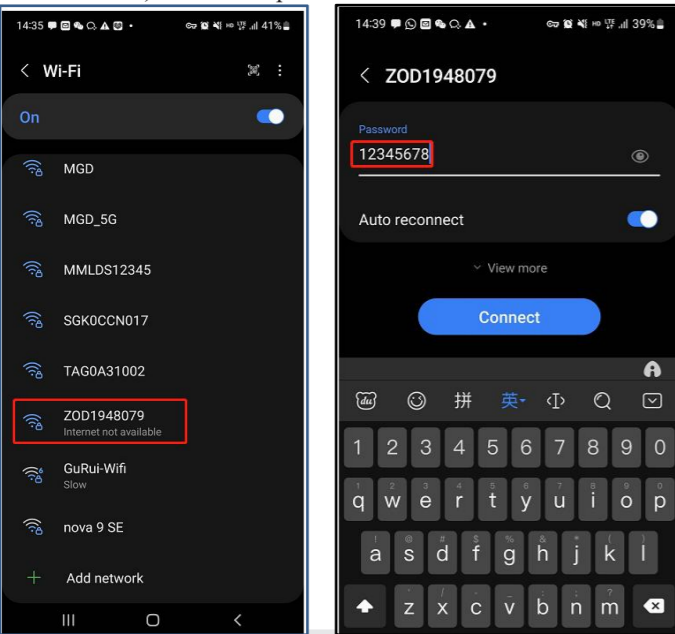
6. Tap **Yes** if it's available for a new version of ShineTools upgrade package



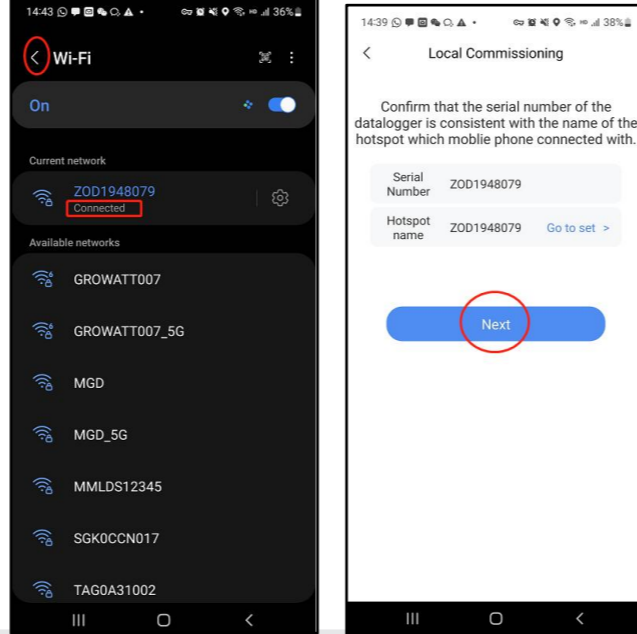
7. Tap **Go** to set to connect the Hotspot name of your ShineWiFi-X



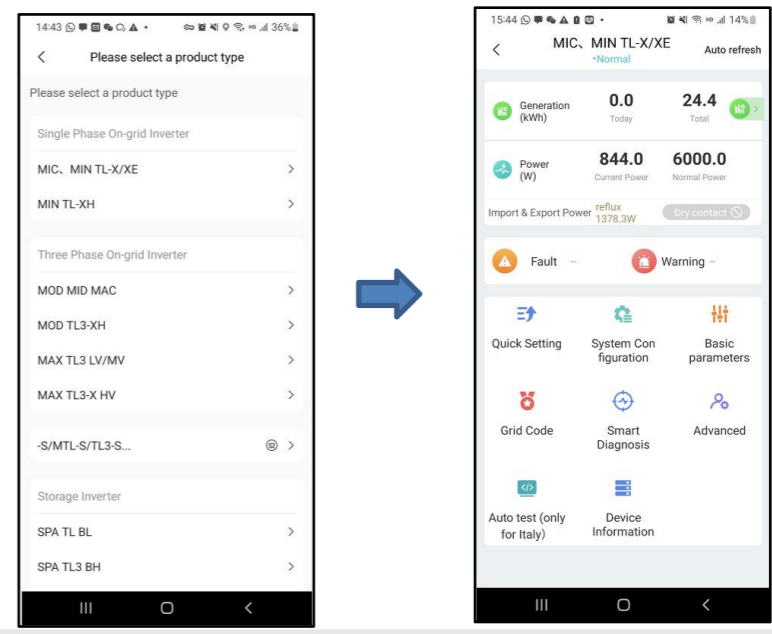
8. Tap the SN of your ShineWiFi-X, and then input the PIN 12345678, and then tap **Connect**



9. Tap **Back** Icon for several times till you return to your ShineTools, then tap **Next**



10. Choose the corresponding model of your inverter and then you will be able to read and change its settings



When you have finished using ShineTools and want to use Shinephone to monitor your inverter, you just need to short press on the bottom key on your ShineWiFi-X, and it will exit AP mode and then you'll be able to configure it in your Shinephone.

Appendix: ShineWiFi Button Key Description

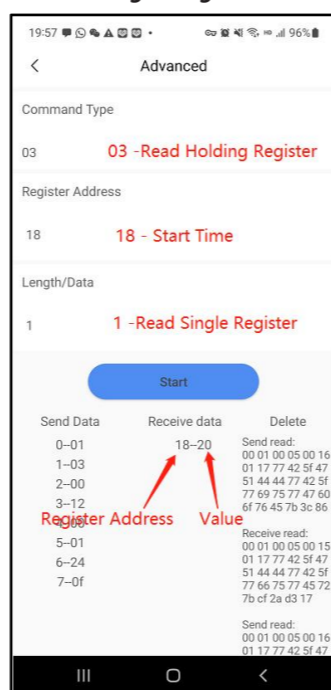
Operation	Description
Short press on the bottom key (LED status becomes solid blue)	ShineWiFi enters to AP mode. (AP mode is a debugging mode, only allowed for the professional)
Short press on the bottom key (LED status becomes red blinking)	Quit AP mode
Long press on the bottom KEY for more than 6 sec (ShineWiFi: All LEDs always ON)	Reset ShineWiFi to Factory settings

Advance Setting

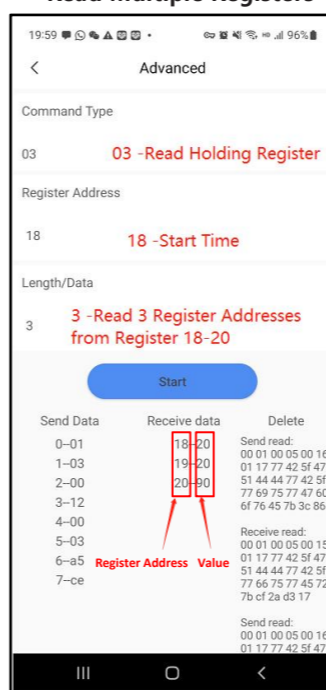
Read and Write Register Values:

1. Command Type 03: Read Holding Register
2. Command Type 06: Write Single Register
3. Command Type 04: Read Input Register

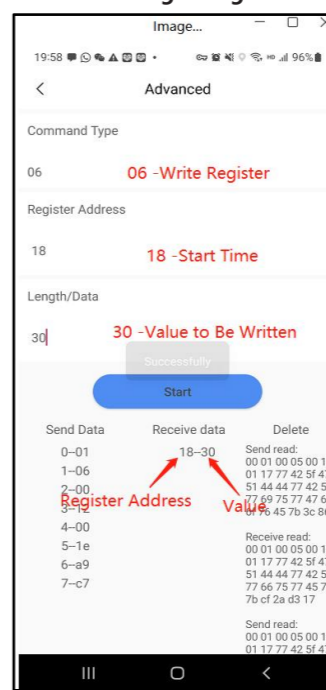
Read Single Register



Read Multiple Registers



Write Single Register



Read Input Register

