



# **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)

**Step3.** Logging in to ShineTools

1. Open ShineTools and tap O&M User



ShineWiFi-X (For ShineTools & ShinePhone)



[Android & iOS]



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			



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

> (2) (2) (2) (2) (2) Please select a debugging USB/232-WiFi neWiFi-S/X Only supports datalo 3.0.0.2 / 3.1.0.2 or a Direct WiFi (MIN TL-XH-US) Ο

**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



R ZOD194807

GROWATT007

🗟 MGD

S MGD\_5G

MMLDS12345

SGK0CCN017

TAG0A31002

GROWATT007 5G

< Wi-Fi

Cancel

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 14:39 🕥 🗭 🖬 🗞 🗛 🔹 cə 🖬 🍕 🛛 🖘 💀 ..il 38% 🛔



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

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Local Commissioning

Confirm that the serial number of the

ZOD1948079

Ο

Serial

talogger is consistent with the name of th tspot which moblie phone connected with

ZOD1948079 Go to set >

CT 10 45 O 35, HP at 365

### **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 buttom 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 Buttom Key Description

Operation	Description	
Short press on the buttom 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 buttom key (LED status becomes red blinking)	Quit AP mode	
Long press on the buttom KEY for more than 6 sec (ShineWiFi: All LEDs always ON)	Reset ShineWiFi to Factory settings	

## Advace Setting

### **Read Single Register** 19:57 🗭 🕒 📽 🕰 🖾 🔹 📾 🕅 🖏 🐵 📠 96% 🛢 < Advanced command Type 03 03 -Read Holding Register Register Addres 18 18 - Start Time Length/Data 1 -Read Single Register 1 Send Data Receive data Delete 0--01 18-20 1-03 01 17 77 42 5f 4 51 44 44 77 42 77 69 75 77 47 2-00 3-12 Register Address Valu 76 45 7b 3c 1 eive read: 5--01 6--24 00 01 00 05 00 01 17 77 42 5f 51 44 44 77 42 7-0f 77 66 75 77 45 7b cf 2a d3 17 Ο

### **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 Multiple Registers**



### Write Single Register



### Read Input Register

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< Advanced				
Command Typ	e			
04 04 -Read Input Register				
Register Addre	ess			
104 -Derating Code 105 -Fault Code				
Length/Data				
2 Read 2 Registers from 104-105				
	Start			
Send Data	Receive data	Delete		
001 104 200 368	104–0 105–302	Send read: 00 01 00 05 00 16 01 17 77 42 5f 47 51 44 44 77 42 5f 77 69 75 70 47 1b		
Register ad 5-02 6-f0 7-17	Idress 302 - Conne	bi 10 c1 40 3c 86 No AC Receive read: ectbon00 05 00 e7 01 17 77 42 5f 47 51 44 44 77 42 5f 77 b8 75 70 93 72 6f 77 61 74 74 47		
		72 6f 77 61 74 74 47 72 6f 77 60 74 60 47 72 6f 77 61 74 74 47 72 6f 77		