Growatt

Growatt ShineWiFi-X

快速安装指导

Step1.　电气连接

1. 将光伏设备USB接口上盖逆时针旋转拧开；

2. 转动采集器上端的锁头，保证三角标志在正面，并居中；

3. 将采集器的接口与光伏设备USB接口对接，保证三角标在正面。按压锁头并顺时针转动，直至拧紧锁头。

使三角标志朝上并居中，再顺时针转动锁头

Step2.　开启光伏设备，并检查连接状态

ShineWiFi-X 安装完成后，开启光伏设备。初次安装时，ShineWiFi-X上面的红色LED闪烁，表示和光伏设备通讯正常。

LED闪烁状态说明

LED闪烁状态	工作状况
三个灯都不亮	USB接口没找到光伏设备
只有红色LED灯闪烁	ShineWiFi-X与光伏设备连接正常
只有绿色LED灯闪烁	ShineWiFi-X与光伏设备、路由器通讯正常
只有蓝色LED灯闪烁	ShineWiFi-X与光伏设备、路由器、服务器通讯正常

Step3.　注册添加设备

扫描以下二维码，或在谷歌商店或苹果商店搜索"ShinePhone"，下载并安装软件。

备注：1. 确保安装的是最新版本的软件

　　　2. 详情请参考http://server-cn.growatt.com上的内容。

【安卓&苹果】

1. 首先将手机连接到有无线网络的路由器

　　a）路由器的无线名称应由英文和数组组成不支持中文名称。

　　b）为了安全考虑请使用加密的无线网络。

　　c）暂不支持需二次认证的网络。

　　d）暂不支持桥接的无线信号。

2. 运行ShinePhone，进入登录页面，点击一键注册；

3. 扫描ShineWiFi-X外包装或设备外盒上的二维码后，自动跳转到注册页面；

4. 填写用户真实手机号及账户密码，点击"注册"，提示"注册成功"并自动跳转到"ShineWiFi-X配置"页面；

注：手机是找回密码等重要功能的凭证，请填写真实手机号码。

5. 填写手机所连接无线网络名称及密码，确认无误后点击"配置"，等待页面弹出"配置成功"后，自动跳转到"我的电站"页面。如果APP提示配置超时，请查询附录故障快速排查表。排除故障后，登录之前所注册账户进入Shine Phone，在"我的电站"页面点击右上角"+"选择"查看采集器"，在"采集器列表"页面长按此采集器序列号，选择"配置采集器"，重新对ShineWiFi-X进行配置。

注：观察ShineWiFi-X三色网络灯闪烁情况判断配置情况，配置过程中，红色指示灯闪烁表示ShineWiFi-X与光伏设备连接正常，绿色指示灯闪烁表示ShineWiFi-X已连接到路由器，蓝色指示灯闪烁表示设备已通信正常，此时可在ShinePhone查看设备上传信息及数据。
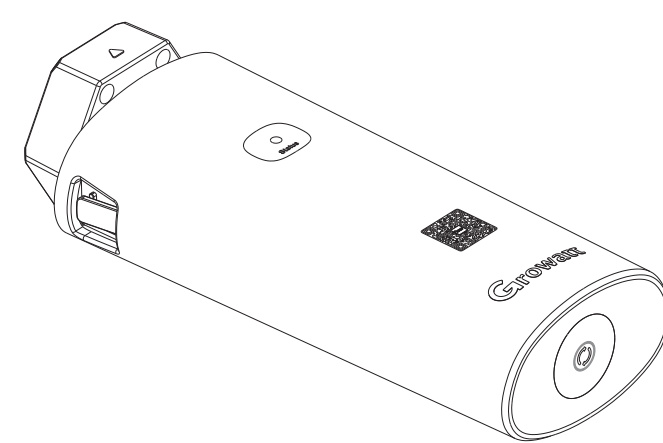

6. 在"我的电站"点击所监控设备，查看光伏设备信息；

7. 如需添加采集器、查看采集器、删除采集器，配置采集器及添加电站，请在ShinePhone"我的电站"页面点击右上角"+"进行操作。
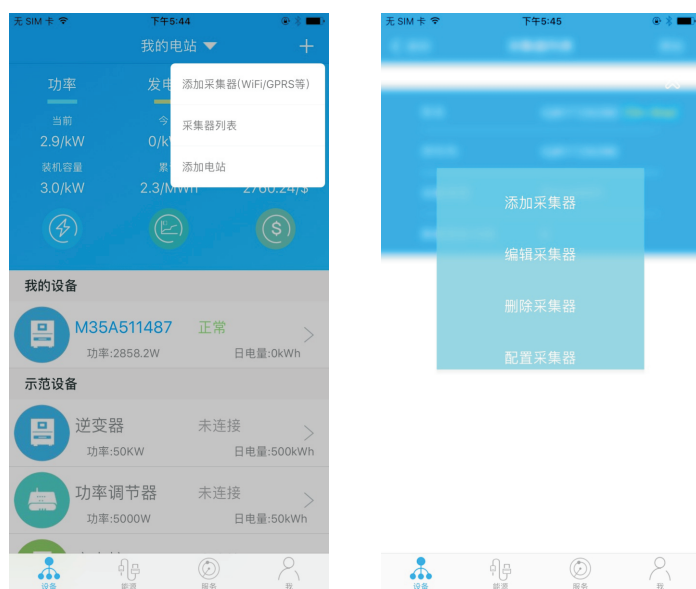
Step4.　重置采集器

更换路由器，或路由器密码更换，都需重置采集器后再进行配置连接。首先请按住采集器主体KEY键秒以上，直至三色LED灯变为长亮后松开，在ShinePhone"我的电站"页面点击右上角"+"进入采集器列表，在"采集器列表"页面长按此采集器序列号选择"配置采集器"进行配置。

Step5.　产品图片

附录：故障快速排查

| LED闪烁状态	工作状况	快速排查
三个灯都不亮	USB接口没找到光伏设备	检查USB接口连接是否正常
长时间配置过程后，仍只有绿色LED灯闪烁	ShineWiFi-X已连接到路由器，但无法连接服务器	（1）检查路由器是否连接到互联网 （2）路由器是否对服务器和端口号进行限制，采集器需要使用5279,5280两个端口
只有蓝色LED灯闪烁	ShineWiFi-X与光伏设备、路由器、服务器通讯正常	正常工作
红灯长亮	WiFi模块错误	模块错误，需更换ShineWiFi-X
绿灯长亮	ShineWiFi-X无法连接到路由器	（1）检查路由器 a) 路由器的无线名称应由英文和数字组成,不支持中文名称 b) 为了安全考虑,请使用加密的无线网络 c) 暂不支持需二次认证的网络 d) 暂不支持桥接的无线信号 （2）检查配置过程中填写的路由器账户密码是否正确
蓝灯长亮	WiFi模块处于AP模式	调试模式，非专业人士请单击按钮退出次模式

ShineWiFi-X按钮说明

按钮操作	说明
ShineWiFi-X正常工作时，单击ShineWiFi-X上的按钮（ShineWiFi-X指示灯会由闪烁状态变成长亮状态）	进入AP模式（AP模式为调试模式，非专业人士不建议使用）
ShineWiFi-X在AP模式下，单击ShineWiFi-X上的按钮。（ShineWiFi-X指示灯会由长亮状态变成闪烁状态）	退出AP模式
长按直至三个LED长亮起后松开	重置采集器，恢复出厂设置

Growatt

Growatt ShineWiFi-X
Quick Installation Guideline

Step1. Electrical connection

1. Rotate the USB cover of the photovoltaic device counterclockwise
2. Rotate the datalogger locker on the upper, make sure the triangle is on the front side and in the middle.
3. connect the datalogger to the inverter USB port, make sure the triangle is on the front side, press the locker and rotate clockwise until it is tighten.

Turn the triangle up and center, then turn the lock clockwise
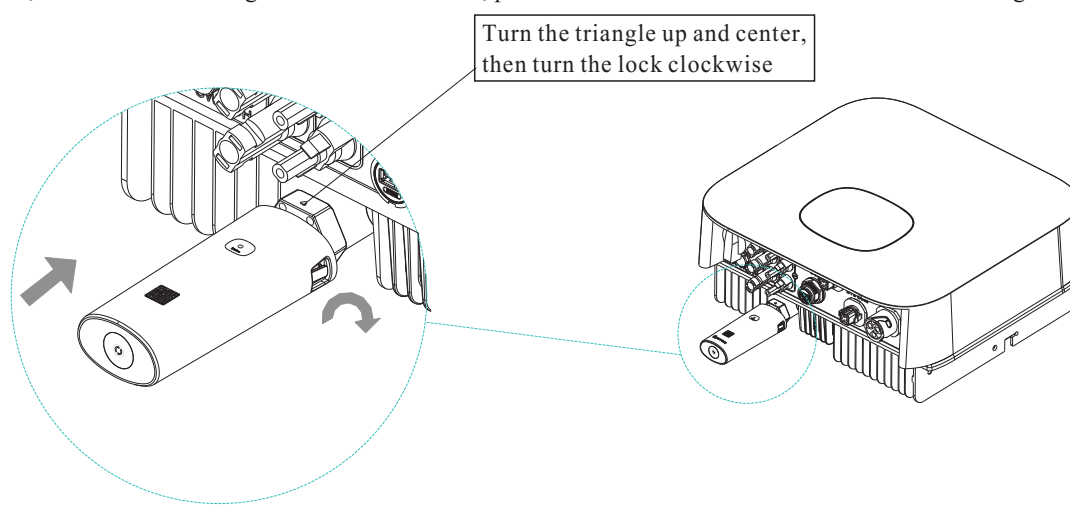
Step2. Turn on inverter and check ShineWiFi-X state

After install the ShineWiFi-X module, turn on the inverter, red LED flashing indicates the inverter and ShineWiFi-X communication is normal.

LED State	Indication
ALL three LED off	ShineWiFi-X not connected well with inverter USB port
Only Red LED flashes	ShineWiFi-X and inverter communication is OK
Only Green LED flashes	ShineWiFi-X, inverter and router communication is OK
Only Blue LED flashes	ShineWiFi-X, inverter, router and ShineServer communication is OK

Step3. Registration and adding device

Scan the QR code below to download ShinePhone, also you can search ShinePhone in iOS or Google Play Store, download and install it.

Note:1. Make sure you download the latest version
2. For further information please visit server.growatt.com

【Android & iOS】

1. Connect your mobile phone to the WiFi of your home router of which the ShineWiFi-X module will be connected.
   1) The router name should consist with English letters and numbers, it does not support special symbols.
   2) For safety reason, please use an encrypted wireless network
   3) It does not support a public network that uses a secondary authentication.
   4) It does not support bridge network.
2. Open ShinePhone APP, click "Register" on login page.

3. Select country and city, then click "Next" enter next page.
   Note: If you select a wrong country and city, the system time maybe wrong.
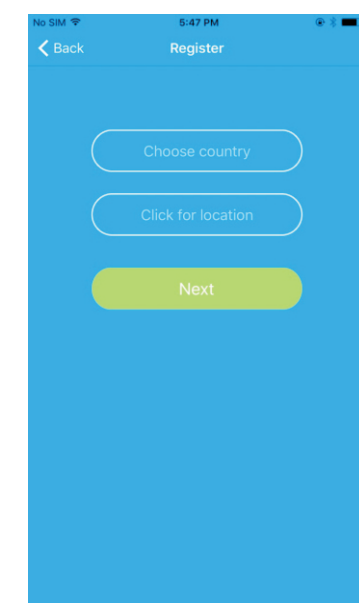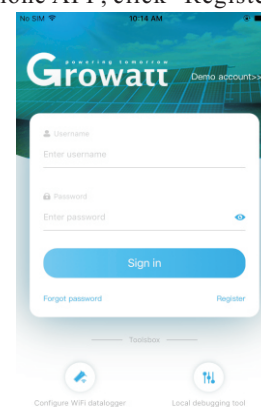
4. Fill out the required information, then click "Next", it will guide you to the "Add datalogger" page.
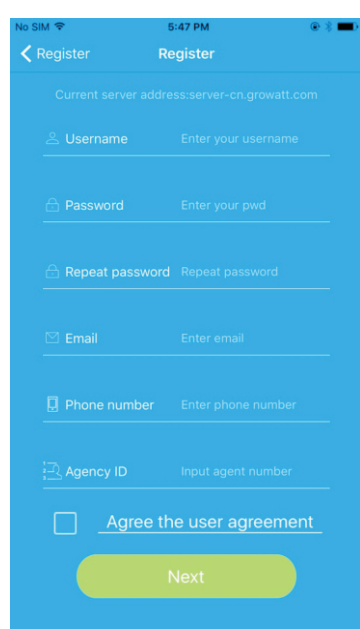
5. Scan QR code or input the ShineWiFi-X barcode and checkcode, then click "Register", it will move you to the "Set ShineWifi-X" page.
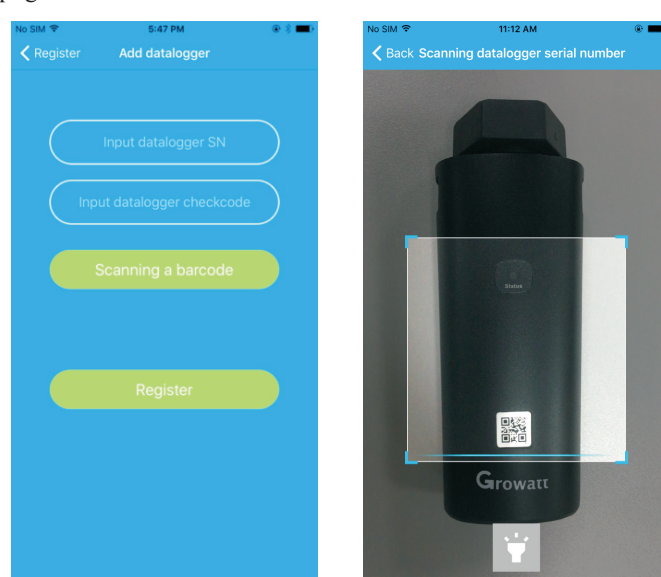
6. Fill out the wifi network and password, then click "Configuration", after successful configuration, a note will pop up "Configured successfully", then it will move to the "my plant" page.
   Note: There are 3 LEDs on ShineWiFi-X, only the blue LED flashing indicates the ShineWiFi-X module is successfully connected to the router and Growatt Shine Server.
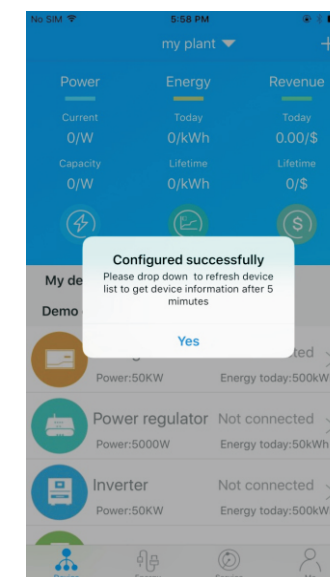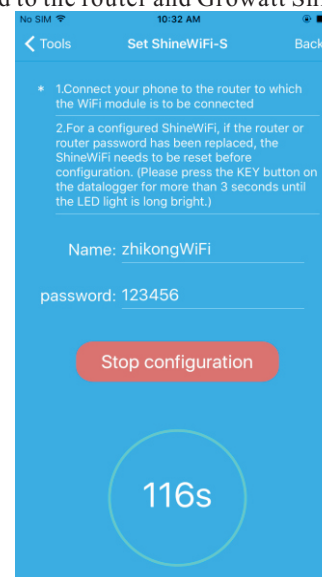
7. If the pop up a message says "Failed", please refer to Appendix A of the troubleshooting guide to solve the problem. After that, login to your account and click the "+" sign on the right top side of the page, and select"Datalogger list"in the appearing dialog window. Push on the datalogger's serial number for 3 sec, until a small dialog window appears,select "Configure datalogger". It will move to the "Set ShineWifi-X"page,enter the home routers name and password, then click, "Set" the connection configuration process will begin.
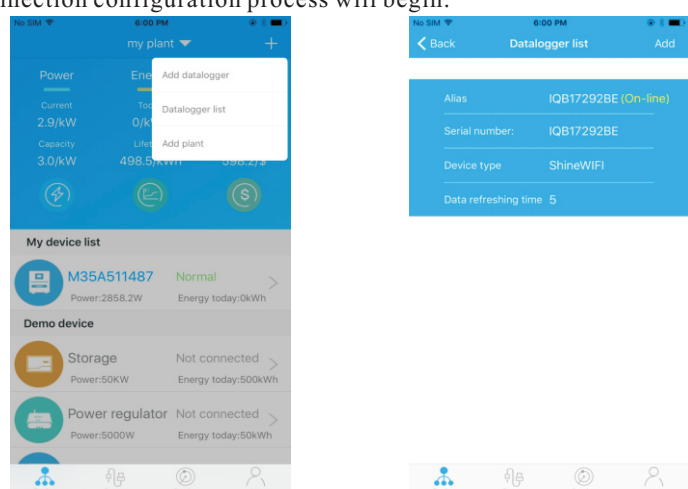
8. After successful configuration, it will move to the "my plant" page, select the inverter in the device list to check the inverter update information.
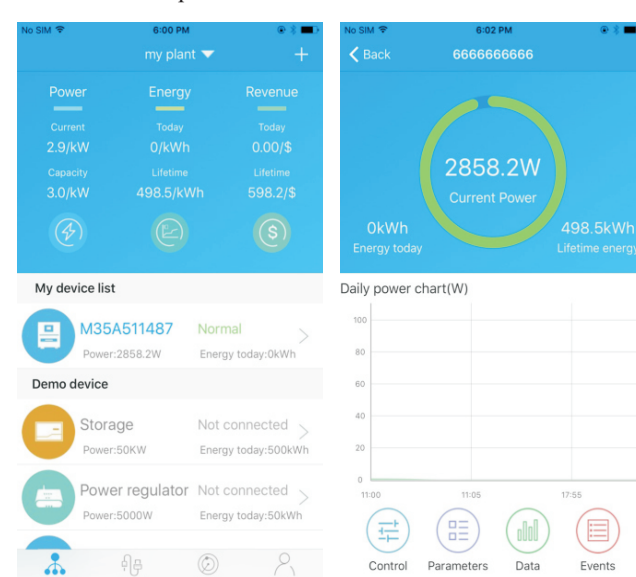
9. If you want to add/edit/delete/configure a datalogger, click the "+" sign on the right top side of the "my plant" page. There are 4 options in the dialog window when push on the datalogger's serial number, click the one you need.
   1)"Add datalogger" is for adding a new ShineWiFi-X module to this account.
   2)"Edit datalogger" is used to assign an alias name for your ShineWiFi-X module.
   3)"Delete datalogger" is used to remove the ShineWiFi-X module from this account.
   4)"Configure datalogger" is used for configuring the connection of the ShineWiFi-X module to the router.
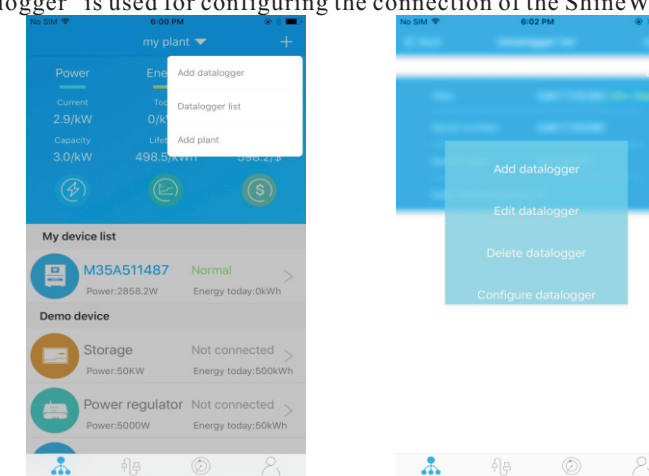
Step4. Reset ShineWiFi to Factory Settings

When you have changed your home router password, or changed to a new router, you need to reset ShineWiFi-X to factory settings and reconfigure it. Press the KEY button for 6 sec, until all three LEDs long light up, then login to your ShinePhone account, click the "+"on right top of this page, long press this datalogger serial number to reconfigure.

Appendix A: ShineWiFi-X KEY Button Description

Operation	Description
When ShineWiFi-X is powered on, remove the rubber plug, and press the KEY button. (ShineWiFi LED will change from flash to always ON)	ShineWiFi-X will enter to AP mode. (AP mode is a debug mode, only allowed for professional)
When ShineWiFi-X in AP mode, press The KEY button of ShineWiFi-X (ShineWiFi-X LED will change from always ON to flash)	Quit AP mode
Long press the KEY button for More than 6 sec (ShineWiFi-X All LEDs always ON)	Reset ShineWiFi-X to Factory settings

Troubleshooting

LED State	Indicate	Troubleshooting
All three LEDs are dark	ShineWifi-X can not find inverter via USB port	1.Try to reconnect ShineWifi-X to the inverter USB port
After configuration, Only Green LED flashes	ShineWiFi-X already connected to the home router, but not connected To Growatt ShineServer	（1）Check if home router is connected to the internet （2）Check if the router firewall allows to select port 5279 and 5280
After configuration, Only Blue LED flashes	ShineWiFi-X communication OK with inverter, home router, and Growatt ShineServer	Normal working state
Red LED always ON	ShineWiFi-X module error	Need to replace with a new ShineWiFi-X

Green LED always ON	ShineWiFi-X can't connect to the home router	（1）Check router information
		    a) Router name should consist of English letters and numbers, it does not support special symbols
		    b) For safety reason, please use encrypted wireless network
		    c) It does not support public network that use secondary authentication
		（2）Check if you filled in the correct name and password of the home router when configuring it

Blue LED always ON	ShineWiFi-X module is in AP mode	Debug mode, short press the KEY button to quit