



ShineWiFi-S Instructions

First: A Video to Watch:

Signature Solar Explains Connecting the Growatt Wifi Stick to Your Off Grid Growatt Inverters

<https://www.youtube.com/watch?v=tTuwAlKj9cY&t=25s>

Quick Steps:

- 1) Push button on your ShineWiFi Stick with something like a paper clip and hold button down for 6 seconds, until the light turns white. After letting it go, it should start flashing red again.
- 2) Push button on your ShineWiFi Stick again quickly and release it immediately.
- 3) The light should turn **blue**. This indicates it is now in '**hot spot**' mode.
- 4) From your PC, search for WiFi Networks. Make sure you are disconnected from any previous networks.
- 5) Using your computer, connect to the WiFi network that is named after your ShineWiFi Stick – there is no internet, it will now only be connecting between the stick and the computer.
- 6) You may get a message that says 'no internet' – that is okay!
- 7) Open your computer or phone's web browser (Google Chrome, Microsoft Edge, Mozilla Firefox, etc...) and type **192.168.10.100**. Press ENTER on your keyboard. This should take you to the Growatt LOGIN page.
- 8) Login with these credentials:
 - Username: admin
 - Password: 12345678
- 9) On the first page of the login, it should default to the "**Auto**" option. If not, select this option, and choose your normal WiFi network in the drop down. Type in your WiFi password into the password field and click "**Apply**".
- 10) It will take a few seconds to save, then you will have the option to "**Restart Immediately**" ~DO NOT CLICK RESTART IMMEDIATELY~
- 11) Click "**Advanced Settings**" on the left hand side of the screen.
- 12) Change the "**Server Domain**" to **server-us.growatt.com** and click "**Apply**".
- 13) It will take a few seconds to save, then you can click "**Restart Immediately**".
- 14) This should disconnect you from the WiFi on the Growatt Stick, but if not, manually disconnect from this network.
- 15) The light on the Growatt should flash for a second, then turn to a **Solid Blue** color.
- 16) Now you can connect to your normal WiFi and navigate to **server-us.growatt.com**.
- 17) From here, either login to your Growatt account or create an account.
- 18) Once you are logged in, select the option to "**Add Datalogger**" from the top and input the serial number of the WiFi Stick. *You have now completed the connection!*



ShineWiFi-S Instructions

Summary: When you have changed your home router password, or changed to a new router, you need to reset ShineWiFi to factory settings and reconfigure it. Remove the rubber plug, and press the KEY button for 6 sec, until all three LEDs long light up, then login to your Shine account, click the “+” on the right top of this page, long press the datalogger serial number to reconfigure.

Advanced Web Server Settings:

If you need to set a static IP-address for the ShineWiFi-S module, follow the guide below to configure it with the web server.

1. Remove the rubber plug of the KEY button
2. Short press the button inside
3. The blue LED will light up
4. Use your computer to connect to the wireless network used by the ShineWiFi-S module. The network name/SSID is the serial number of the ShineWiFi-S

Login Page:

After the connection is successfully established, open the web browser on your computer and type 192.168.10.100 in the address bar. The username is admin, the default password is 12345678.





ShineWiFi-S Instructions

Wireless Router Settings:

You can set the home router information via this page (*Default is the Auto mode*)

1. Select your home router network from the wifi list
2. Enter the password and click **“Apply”** to save the settings
3. If you select the **“Manual”** mode, then enter the wifi name/SSID and password manually
4. Click **“Apply”** to save the settings



Advanced Settings – very important for USA customers ...

~USA USERS MUST CHANGE SERVER~

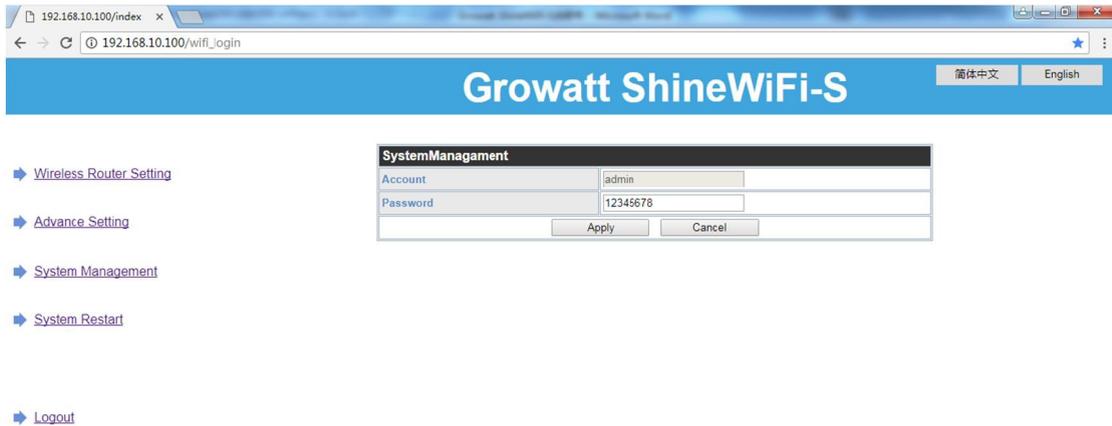
- 1) If you want to set a static IP-address for the ShineWiFi-S module, select “DHCP” OFF, and enter the IP address, Gateway and Subnet mask of the network that the ShineWiFi-S module will connect with
- 2) For the server domain and IP information, the default is: server.growatt.com, only **server-us.growatt.com** will work for USA Users!!!! This is very important~



ShineWiFi-S Instructions

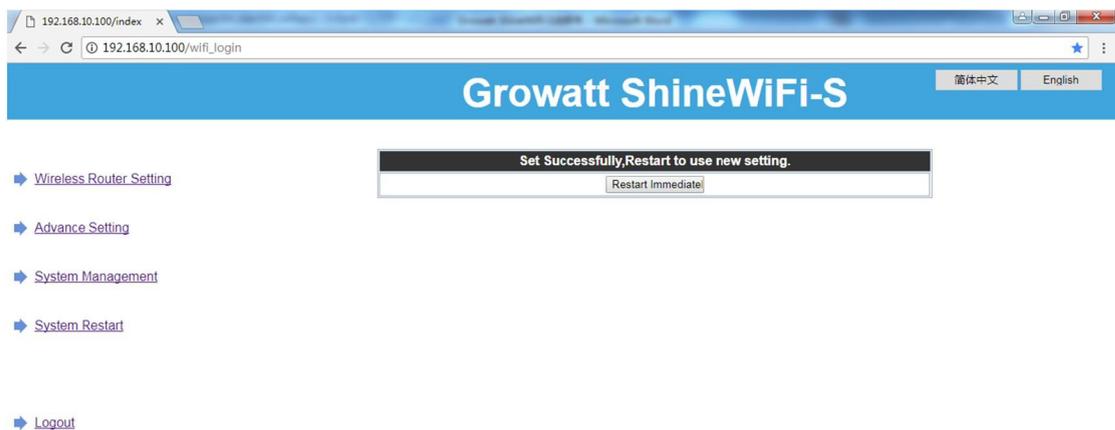
System Management:

You can change the internal webserver password of the ShineWiFi-S module on this page. Enter the new password, then click **“Apply”** to save the new password.



A System Restart is Necessary:

1. You need to restart your ShineWiFi-S module on this page
2. Click **“Restart Immediate”** to enable the new settings you just made
3. Logout from the internal webserver of your ShineWiFi-S module



Please Note: While you are browsing the internal web server of the ShineWiFi-S module, it will not reflect any monitoring data to the Growatt Server.



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Additional Notes:

- We do not recommend or support using the Shine Phone App!
 - Always use a web browser to log into your Shine account, even if it is a web browser on your phone such as Safari or Chrome, etc.
- Remember that your WiFi stick only receives a signal, it does not emit a signal
- If you are having trouble, you may need to check your router range, the internet may be too far away
- If the router isn't strong enough you may need an IT person/professional as we do not do network troubleshooting here at Signature Solar
- If you have more than one inverter, you will need a separate Shine WiFi stick for each inverter
- If your serial number shows a 0 in the number, it is always the numeric zero, never the alpha letter O