



sunways Wi-Fi Configuration User Manual

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Method 1— Configure via Cellphone

Preparation

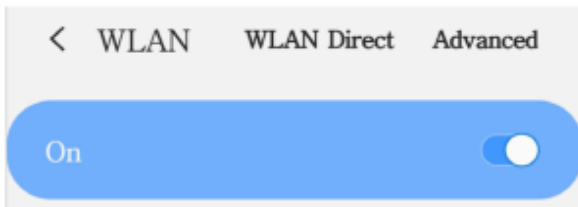
1. Take out the WiFi module from the accessory box and insert it to the “Com”port of an unpowered inverter (the side with an indicator light on it is facing up) .
2. Power on the inverter.
3. The indicator light on the WiFi module is off before the configuration getting started.



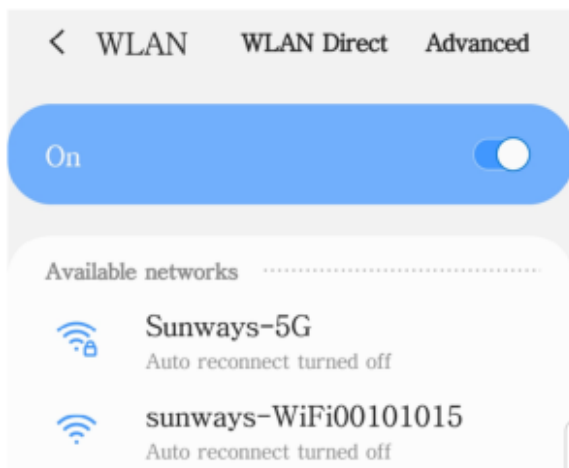
Note: For the first time use the WiFi module, you need to configure it to a router by following the "WiFi Configuration Guide" below, if the password or router changed, you have to configure it again.

Configure WiFi Module

1. Turn on the the "WLAN" connection in your cellphone, see pic 1.



2. Look for the WiFi name "sunways-WiFi*****" in the available networks list (*represents the last 8 numbers of the inverter SN), click "Connect". See pic 2.



3. After connected to the WiFi "sunwaysWiFi*****", you will see an interface as shown in pic 3.



4. Open the browser on your phone and access 10.10.100.254, you will see an interface as shown in pic 4.

10.10.100.254

http://10.10.100.254

Sign in

http://10.10.100.254 requires a username and password. Your connection to this site is not secure

Username

Password

[Cancel](#) | [Sign in](#)

5. Input the username and password “admin”, then click “Sign in”. See pic 5.

Sign in

http://10.10.100.254 requires a username and password. Your connection to this site is not secure

Username **admin**

Password *********

[Cancel](#) | [Sign in](#)

6. You will enter the interface “System” as shown in pic 6.

System

Work Mode

STA Setting

AP Setting

Other Setting

Account

Upgrade SW

Restart

Restore

Model	HF-LPT230
Software Version	V4.13
Wifi Work Mode	AP/STA
AP mode	
SSID	subways-WiFi03101019
IP Address	10.10.100.254
MAC Address	9C D8 63 79 51 42
STA Mode	
Router SSID	HF-LPT230-AP
Signal Strength	100%
IP Address	0.0.0.0
MAC Address	9C D8 63 79 51 42

7. Click “STA Setting”, you will see an interface as shown in pic 7.

System

Work Mode

STA Setting

AP Setting

Other Setting

Account

Upgrade SW

Restart

Restore

Network Name (SSID)
Note: case sensitive

HF-LPT230-AP

Scan

Encryption Method

Disable

Obtain an IP address automatically

Enable

IP Address

0.0.0.0

Subnet Mask

0.0.0.0

Gateway Address

0.0.0.0

DNS Server Address

10.10.100.254

Save

8. Click “Scan” to view the available networks list, see pic 8.

System

Work Mode

STA Setting

AP Setting

Other Setting

Account

Upgrade SW

Restart

Restore

Network Name (SSID) Note: case sensitive HF-LPT230-AP Scan

Encryption Method Disable

Obtain an IP address automatically Enable

IP Address 0.0.0.0

Subnet Mask 0.0.0.0

Gateway Address 0.0.0.0

DNS Server Address 10.10.100.254

Save

9. Look for the wireless network you are going to connect, select it and click “OK”, see pic 9.

System

Work Mode

STA Setting

AP Setting

Other Setting

Account

Upgrade SW

Restart

Restore

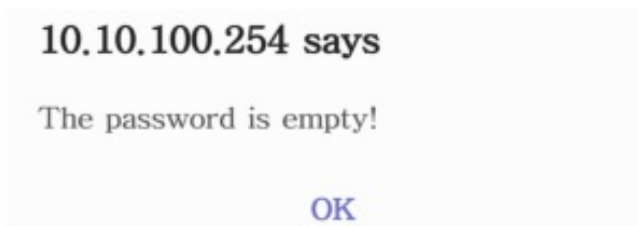
Please select your current wireless network

Site Survey

SSID	BSSID	RSSI	Channel
<input checked="" type="radio"/> Sunways 2.4G	90:E7:10:2:08:A9	98	11
<input type="radio"/>	90:E7:10:2:08:A7	98	11
<input type="radio"/> SPCE-504	A4:56:2:35:C7:98	70	10
<input type="radio"/> YL0000	BC:D1:77:ED:FE:2C	37	1
<input type="radio"/> ChinaNet159s	DC:A3:33:64:87:58	35	1
<input type="radio"/> TV-159s	DC:A3:33:64:87:59	33	1
<input type="radio"/> Xiaomi_CO69	50:64:28:35:0C:6A	30	7
<input type="radio"/> jay	FC:D7:3D:19:08:2A	21	6
<input type="radio"/> SPCE-605	A4:56:2:35:8E:71	18	11
<input type="radio"/> nova 4	24:F8:65:51:1C:5	16	1
<input type="radio"/> Suntech Yiga	D4:C9:3C:CE:31:92	13	1
<input type="radio"/> ceshi	D2:8F:82:2D:7	9	6

OK Refresh

10. A notice says “The password is empty” will pop up and click “OK”, see pic 10.



11. Input the password of the wireless network and click “Save”, see pic 11.

System

Work Mode

STA Setting

AP Setting

Other Setting

Account

Upgrade SW

Restart

Restore

Network Name (SSID) Note: case sensitive Sunways-2.4G Scan

Encryption Method WPA2PSK

Encryption Algorithm AES

Password Note: The password is case sensitive.

☒ Basic parameters

Obtain an IP address automatically Enable

IP Address 0.0.0.0

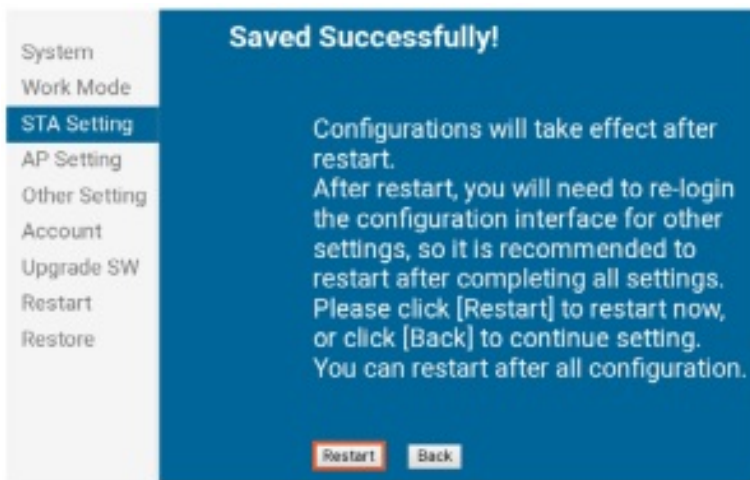
Subnet Mask 0.0.0.0

Gateway Address 0.0.0.0

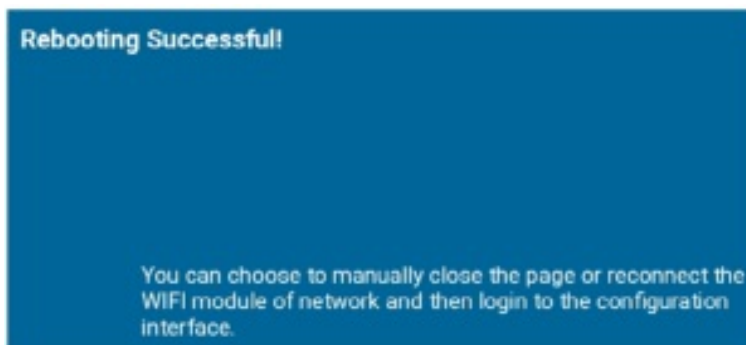
DNS Server Address 10.10.100.254

Save

12. The system will show “Saved Successfully”, click “Restart” to complete the WiFi configuration if you don’t need to modify any other information. See pic 12.

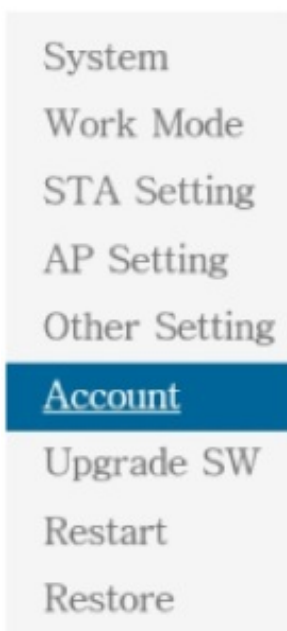


13. Now the WiFi configuration finished and you will see the indicator light keeps on.



Warm-tip Card

- In the other settings on the left column, you can modify the WiFi name, the account password, the work mode of the WiFi module, etc. But unless permitted from Sunways after-sales team or Sunways authorized service partner, please do not modify it.



Method 2—Configure via Laptop

Configure WiFi Module via Laptop

1. The second way of the WiFi configuration is similar to the first one, prepare a laptop and turn on the WLAN connection of the laptop, look for the WiFi name “sunways-WiFi*****” in the available networks list (*represents the last 8 numbers of the inverter SN), click “Connect”.
2. After connected, access 10.10.100.254 on the browser to go to the WiFi configuration page with the login account and password “admin”.
3. Refer to the step 6 to step 12 to complete the WiFi configuration.



Register User Account on the App


After the WiFi configuration finished, switch back to your cellular data network or normal WiFi connection, scan the QR code below or search “LinkedSolar” in GooglePlay or Apple store to download Sunways monitoring App “LinkedSolar” to register a user account and get your solar life started.



for IOS&Android

Troubleshooting & Debugging

Errors	Working Status	Solutions
WiFi module LED indicator of	Factory setting, WiFi module hasn't been successfully configured to router.	Follow the steps above to configure the WiFi module.
WiFi module LED indicator keeps on	WiFi configuration succeeded.	Normal
WiFi module LED indicator blinking	Data is transferring to the server	Normal
△ Blinking slowly	WiFi module not connected to the router.	Follow the steps above to reconfigure the WiFi module and make sure the password is correct while you input it.
△ Blinking quickly	WiFi module connected to the router but router not connected with server	Check if the other devices connected to the same router has internet connection or not. Feedback to sunways after-sales team.
Cannot find the WiFi "sunways-WiFi*****"	WiFi module isn't well attached to inverter "Com" port. WiFi module is restored.	Check if the WiFi module is well attached to the inverter. Restart the inverter
WiFi lost connection	Router or password changed. WiFi signal too weak at the installed place.	Follow the steps above to reconfigure the WiFi module. Move the router closer to the inverter.

	<p>sunways Wi-Fi Configuration [pdf] User Manual Wi-Fi Configuration</p>
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