



GOODWE WiFi Configuration Instructions

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WiFi Configuration Instruction

www.goodwe.com

Version 1.1.1

ⓘ There are two options to complete Wi-Fi configuration.

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Option 1. Web Configuration

Section 1. Preparation:

- Power on inverter or EzLogger Pro (Wi-Fi version)
- Power on Wireless Router
- Connect the smart device to the Wi-Fi of the inverter.

Section 2. Wi-Fi Configuration

Step 1. Connect the smart device to Wi-Fi “Solar-WiFi” or “Solar-WiFi*” with password 12345678 (*refers to the last eight digits of the inverter’s SN)

Step 2. Visit the website **http//10.10.100.253**



Tip: Please refresh the page if there appears “Unauthorization Login”.

Step 3. Enter username (admin) and password (admin), Click “Log In”

A screenshot of a login dialog box titled "Log in to 10.10.100.253". Below the title, it says "Your password will be sent unencrypted." There are two input fields: the first contains "admin" and the second contains "admin". At the bottom right, there are two buttons: "Cancel" and "Log In". A hand cursor is pointing at the "Log In" button.

Step 4. Click “Start Setup”

A screenshot of a "Device information" page. It contains a table with the following data:


Firmware version	V1.1.2.1
MAC address	98:D8:63:70:C9:82
Wireless AP mode	Enable
SSID	Solar-WiFi
IP address	10.10.100.253
Wireless STA mode	Enable
Router SSID	WiFi_Burn-in
Encryption method	WAP2PSK
Encryption algorithm	AES

Below the table, there is a section titled "Cannot join the network, may caused by:" followed by the text "Router doesn't exist, or signal is too weak, or password is incorrect". Below this is a "★ Help:" section with the text "Wizard will help you to complete setting within one minute." At the bottom right, there is a "Start Setup" button. A hand cursor is pointing at the "Start Setup" button.


Step 5. Select available Wi-Fi and click “Next”

Please select your current wireless network

	SSID	AUTH/ENCRY	RSSI	Channel
<input type="radio"/>	WiFi_Burn-in	WPAPSKWPA2PSK/TKIPAES	66	1
<input type="radio"/>	WiFi_Burn-in	WPAPSKWPA2PSK/TKIPAES	100	1
<input type="radio"/>	WiFi_Burn-in	WPAPSKWPA2PSK/TKIPAES	70	1
<input type="radio"/>	WiFi_Burn-in2	WPAPSKWPA2PSK/TKIPAES	72	1



★ **Help:** When RSSI of the selected Wi-Fi network is lower than 30%, the connection may be unstable. Please select other available network or shorten the distance between the device and router. If your wireless router does not broadcast SSID, please click "Next" and add a wireless network manually.



Tip: Specification of the Wi-Fi module is available on Device Information on the previous page.

Step 6. Enter the password accordingly and click “Next”.

Add wireless network manually

Network name (SSID)

Encryption method


Encryption algorithm

Please enter the wireless network password:

Password

☐ show psk

★ **Note:** Case sensitive for SSID and password.
Please make sure all parameters of wireless network are matched with router, including password.



Step 7. Click “Complete” to confirm

Save success!

The current configuration will take effect after restart.

If you still need to configure the other pages of information, please go to complete your required configuration.

Configuration is completed, you can go to the Management page, Click on the restart "OK" button.

Confirm to complete?

Tip: Please make sure there is no unacceptable character in the password otherwise, it may cause unsuccessful Wi-Fi configuration.

Section 3. More Information

Wizard
Advanced
Management

Access point setting

Network name (SSID)

Encryption mod

Encryption algorithm

Password (8 to 63 characters)

★**Note:** config the device's parameter under the access point mode.

DHCP setting for STA

IPDHCP Mode

IP address

Subnet mask

Gateway address

DNS server address

★**Note:** After changing the setting, the device must be restarted.

The network name (SSID) and password of the Wi-Fi module can be modified in the advanced setting. You may give different names to the devices to differentiate.

ⓘ It is strongly recommended that you change the password of your “Solar-WiFi*” before or after the installation. The manufacturer will NOT be responsible for any of the privacy information leakage caused by using the default password of “Solar-WiFi*”.

Option 2. App Configuration

Section 1. Preparation

- Power on inverter or EzLogger Pro (Wi-Fi version)
- Power on Wireless Router
- **Download and install the latest app SEMS Portal**
- The app is subject to upgrade without notification and you can always refer to the latest instruction at <http://en.goodwe.com/>

Section 2. Wi-Fi Configuration

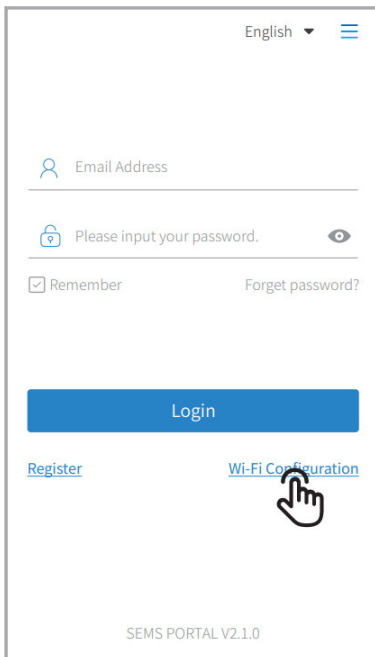
Step 1. Click “Wi-Fi Configuration” at the login page or click the Wi-Fi icon at the homepage.

Step 2. Make sure the inverter is powered on and then click “Next”.

Step 3. Click “Go into WLAN setting interface”.


Step 4. Connect the smart device to Wi-Fi “Solar-WiFi” or “Solar-WiFi*” with password 12345678 (*refers to the last eight digits of the inverter’s SN)

Step 1



English ▾ ☰

Email Address

Please input your password. 

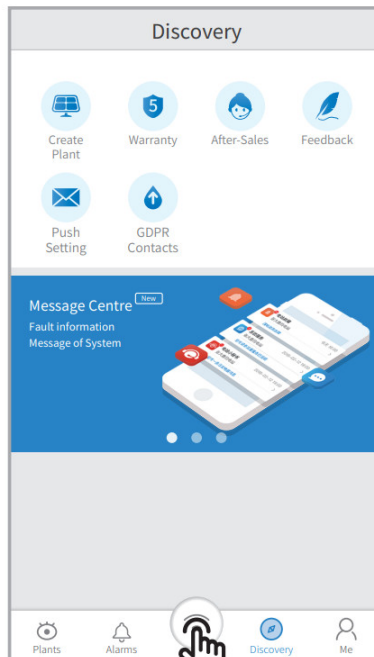
☒ Remember [Forget password?](#)

Login

[Register](#) [Wi-Fi Configuration](#)

SEMS PORTAL V2.1.0

Step 1



Discovery

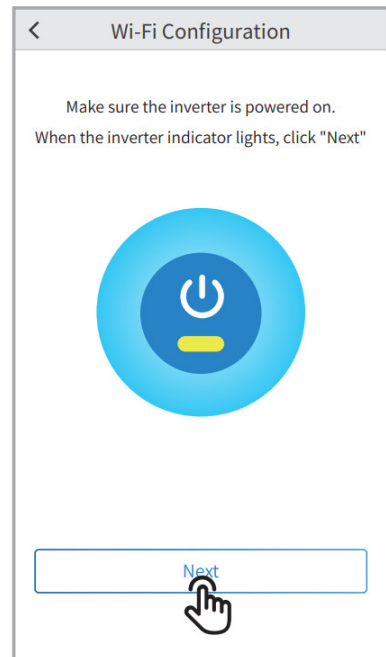
Create Plant Warranty After-Sales Feedback

Push Setting GDPR Contacts

Message Centre New
Fault information
Message of System


Plants Alarms **Discovery** Me

Step 2



Wi-Fi Configuration

Make sure the inverter is powered on.
When the inverter indicator lights, click "Next"

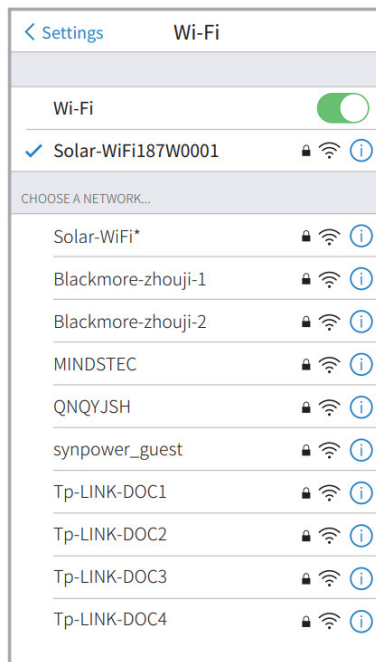


Next

Step 3



Step 4



Step 5



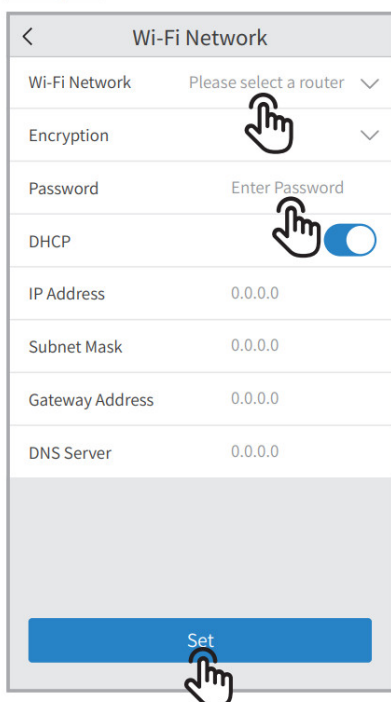
Step 5. Click “Next”.

Step 6. Enter Wi-Fi network name and password accordingly and then click “Set”. Please switch off DHCP first and input IP address if you want to change the inverter’s IP into a specific one.

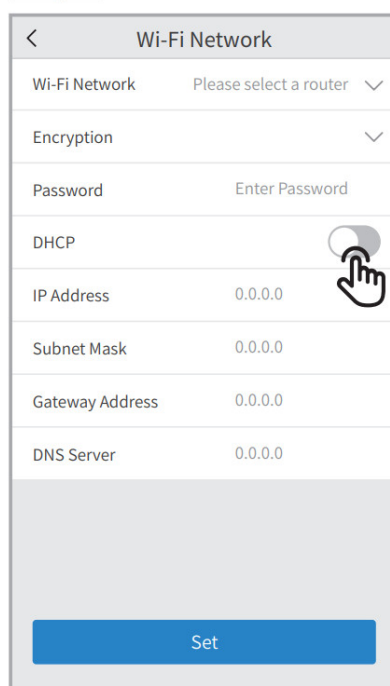
Step 7. Confirm and then click “OK”.

⚠ It is strongly recommended that you change the password of your “Solar-WiFi*” before or after the installation. The manufacturer will NOT be responsible for any of the privacy information leakage caused by using the default password of “Solar-WiFi*”. For how to change the password of “Solar-WiFi*”, please refer to “Section 3. More Information” of “Option 1. Web Configuration”.

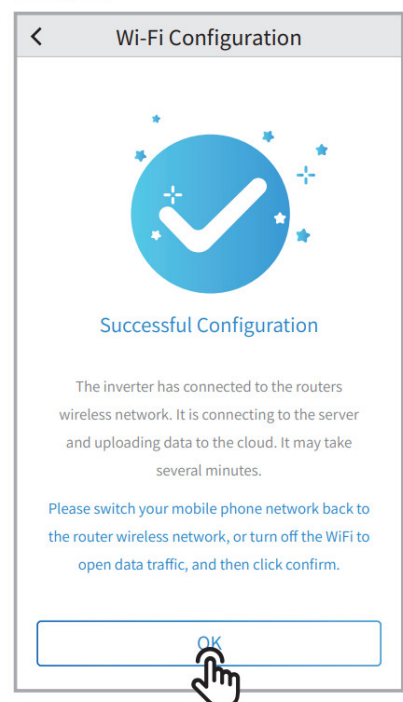
Step 6



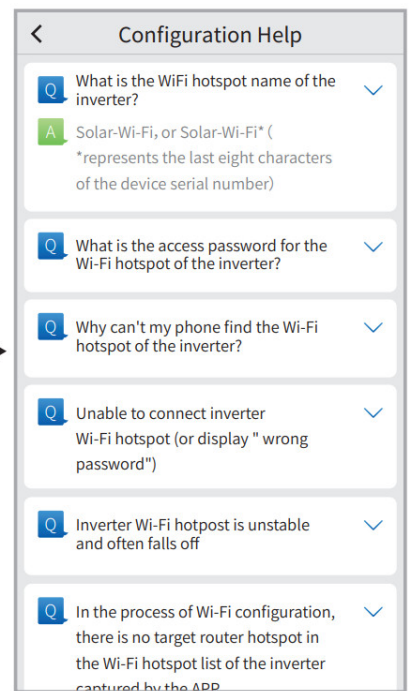
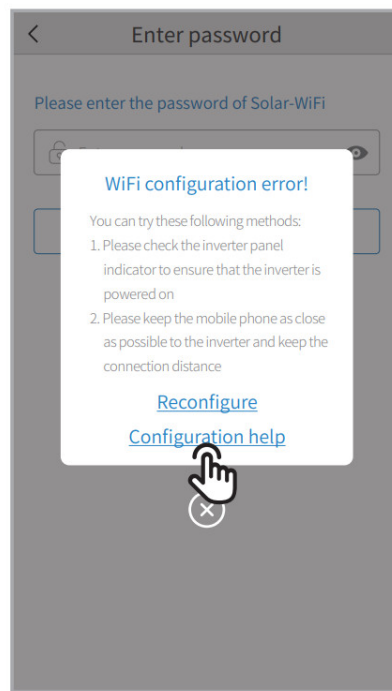
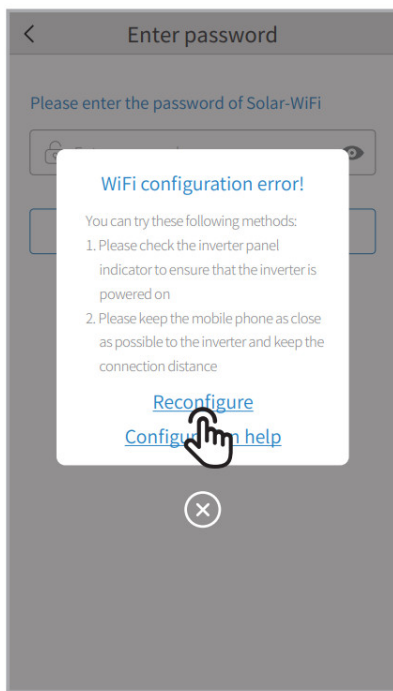
Step 6



Step 7



⚠ You may click “Reconfigure” or follow instructions of “Configuration Help” if configuration failed.




Troubleshooting Advice

No.	Problem	Troubleshooting
1	Unable to find Solar-WiFi or Solar-Wi-Fi*	<ol style="list-style-type: none"> 1. Check if the inverter is powered on and the Wi-Fi module is well attached. 2. Make sure your smart device is close to the inverter. 3. Restart inverter. 4. Press the “Wi-Fi Reload” button to have the Wi-Fi module back to default mode and follow the above Wi-Fi configuration steps again.
2	Unable to connect to Solar-WiFi or Solar-Wi-Fi*	<ol style="list-style-type: none"> 1. Try password: 12345678; 2. Check there is any device connected to the Solar-Wi-Fi* already. 3. Press the “Wi-Fi Reload” button to have the Wi-Fi module back to default mode and follow the above Wi-Fi configuration steps again. 4. Restart the inverter and try Wi-Fi configuration again. 5. Check if there is an unacceptable character in the password.
3	Unable to login website 10.100.253	<ol style="list-style-type: none"> 1. Press the “Wi-Fi Reload” button to have the Wi-Fi module back to default mode and follow the above Wi-Fi configuration steps again. 2. Switch to preferred browsers such as Google Chrome Firefox, IE, Safari.
4	Unable to find router SSID	<ol style="list-style-type: none"> 1. Move the router closer to the inverter or use a Wi-Fi repeater device; 2. Check if the channel number of the router is higher than 13. If yes, modify it into a lower number at the router configuration page.
5	Wi-Fi LED indicator blinks twice continuously with all configuration steps done	<ol style="list-style-type: none"> 1. Restart the inverter. 2. Check if the SSID, encryption method, encryption algorithm, and password on the Wi-Fi configuration page are the same as that of the Wireless Router and correct if different. 3. Check if the maximum amount of devices allowed to connect to the router has exceeded. If yes, please disconnect some devices or expand the limitation. 4. Restart Wireless Router. 5. Move Wireless Router closer to the inverter or use a wireless repeater to enhance the Wi-Fi signal.
6	Wi-Fi LED indicator blinks four times continuously when all configuration steps done	<ol style="list-style-type: none"> 1. Connect the smart device to non-inverter Wi-Fi and access to SEMS Portal to check if the inverter is online. 2. Restart Wireless Router and the inverter.
7	Offline status of inverter on SEMS Portal with Wi-Fi LED indicator always	<ol style="list-style-type: none"> 1. Please wait a few minutes for data transmission and check on SEMS Portal later

of final explanation to this document and its attachments.

Documents / Resources

	<p>GOODWE WiFi Configuration [pdf] Instructions</p> <p>GOODWE, WiFic, Configuration</p>
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