



**GOODWE**  
*YOUR SOLAR ENGINE*

# WiFi Configuration Instruction

[www.goodwe.com](http://www.goodwe.com)

Version 1.1.1

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

## Option 1. Web Configuration

### Section 1. Preparation:

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

### Section 2. Wi-Fi Configuration

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

**Step 2.** Visit the website <http://10.10.100.253>



Tip: Please refresh the page if there appears "Unauthorized Login".

**Step 3.** Enter username (admin) and password (admin), Click "Log In"

**Log in to 10.10.100.253**  
Your password will be sent unencrypted.

admin  
admin

Cancel Log In

**Step 4.** Click "Start Setup"

**Device information**

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

**Cannot join the network, may caused by:**  
Router doesn't exist, or signal is too week, or password is incorrect.

★ **Help:** Wizard will help you to complete setting within one minute.

Start Setup

**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

Refresh

★ **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.

Back Next

Tip: Specification of Wi-Fi module is available on Device Information at 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 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 Wi-Fi module can be modified in 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

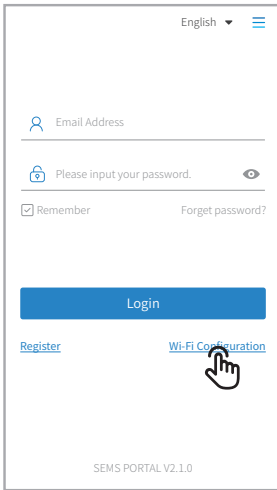
**Step 1.** Click "Wi-Fi Configuration" at login page or click Wi-Fi icon at homepage.

**Step 2.** Make sure inverter is power on and then click "Next".

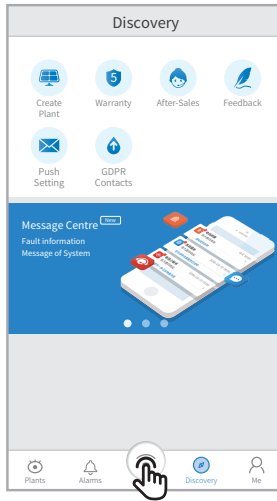
**Step 3.** Click "Go into WLAN setting interface".

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

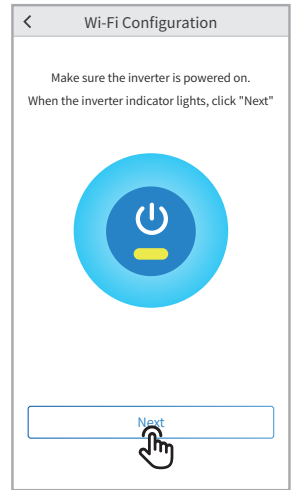
### Step 1



### Step 1



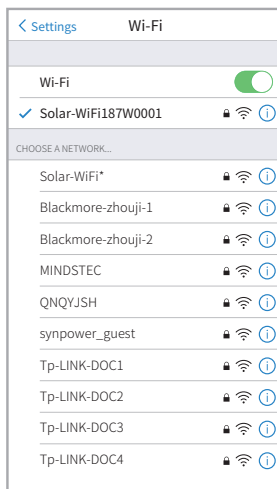
### Step 2



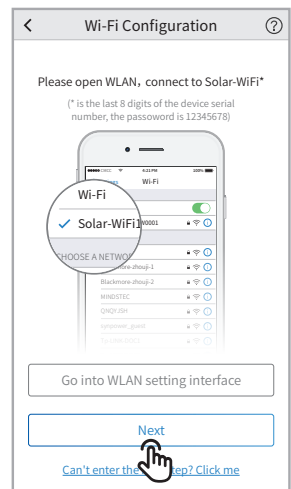
### Step 3



### 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 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

Wi-Fi Network	
Wi-Fi Network	Please select a router
Encryption	
Password	Enter Password
DHCP	<input type="checkbox"/>
IP Address	0.0.0.0
Subnet Mask	0.0.0.0
Gateway Address	0.0.0.0
DNS Server	0.0.0.0

Set

### Step 6

Wi-Fi Network	
Wi-Fi Network	Please select a router
Encryption	
Password	Enter Password
DHCP	<input type="checkbox"/>
IP Address	0.0.0.0
Subnet Mask	0.0.0.0
Gateway Address	0.0.0.0
DNS Server	0.0.0.0

Set

### Step 7

Successful Configuration

The inverter has connected to the routers wireless network. It is connecting to the server and uploading data to the cloud. It may take several minutes.

Please switch your mobile phone network back to the router wireless network, or turn off the WiFi to open data traffic, and then click confirm.

OK

⚠ You may click "Reconfigure" or follow instruction of "Configuration Help" if configuration failed.

WiFi configuration error!

You can try these following methods:

1. Please check the inverter panel indicator to ensure that the inverter is powered on
2. Please keep the mobile phone as close as possible to the inverter and keep the connection distance

[Reconfigure](#)  
[Configuration help](#)

WiFi configuration error!

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[Reconfigure](#)  
[Configuration help](#)

Configuration Help

- Q What is the WiFi hotspot name of the inverter?  
A Solar-Wi-Fi, or Solar-Wi-Fi\* (\* represents the last eight characters of the device serial number)
- Q What is the access password for the Wi-Fi hotspot of the inverter?
- Q Why can't my phone find the Wi-Fi hotspot of the inverter?
- Q Unable to connect inverter Wi-Fi hotspot (or display "wrong password")
- Q Inverter Wi-Fi hotspot is unstable and often falls off
- Q In the process of Wi-Fi configuration, there is no target router hotspot in the Wi-Fi hotspot list of the inverter captured by the APP

# Troubleshooting Advice

No.	Problem	Troubleshooting
1	Unable to find Solar-WiFi or Solar-Wi-Fi*	<ol style="list-style-type: none"> <li>1. Check if inverter is power on and Wi-Fi module is well attached.</li> <li>2. Make sure your smart device is close to the inverter.</li> <li>3. Restart inverter.</li> <li>4. Press "Wi-Fi Reloadt" button to have Wi-Fi module back to default mode and follow above Wi-Fi configuration steps again.</li> </ol>
2	Unable to connect to Solar-WiFi or Solar-Wi-Fi*	<ol style="list-style-type: none"> <li>1. Try password: 12345678;</li> <li>2. Check there is any device connected to the Solar-Wi-Fi* already.</li> <li>3. Press "WiFi Reload" button to have Wi-Fi module back to default mode and follow above Wi-Fi configuration steps again.</li> <li>4. Restart inverter and try Wi-Fi configuration again.</li> <li>5. Check if there is any unacceptable character in the password.</li> </ol>
3	Unable to login website 10.10.100.253	<ol style="list-style-type: none"> <li>1. Press "WiFi Reload" button to have Wi-Fi module back to default mode and follow above Wi-Fi configuration steps again.</li> <li>2. Switch to preferred browsers such as Google Chrome FireFox, IE, Safari.</li> </ol>
4	Unable to find router SSID	<ol style="list-style-type: none"> <li>1. Move the router closer to inverter or use a Wi-Fi repeater device;</li> <li>2. Check if the channel number of router is higher than 13. If yes, modify it into a lower number at router configuration page.</li> </ol>
5	Wi-Fi LED indicator blinks twice continuously with all configuration steps done	<ol style="list-style-type: none"> <li>1. Restart the inverter.</li> <li>2. Check if the SSID, encryption method, encryption algorithm and password on Wi-Fi configuration page is the same with that of Wireless Router and correct if different.</li> <li>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.</li> <li>4. Restart Wireless Router.</li> <li>5. Mover Wireless Router closer to the inverter or use a wireless repeater to enhance Wi-Fi signal.</li> </ol>
6	Wi-Fi LED indicator blinks four times continuously when all configuration steps done	<ol style="list-style-type: none"> <li>1. Connect smart device to non-inverter Wi-Fi and access to SEMS Portal to check if the inverter is online.</li> <li>2. Restart Wireless Router and the inverter.</li> </ol>
7	Offline status of inverter on SEMS Portal with Wi-Fi LED indicator always	<ol style="list-style-type: none"> <li>1. Please wait a few minutes for data transmission and check on SEMS Portal later</li> </ol>

Please visit <http://en.goodwe.com/> to download the latest version of this document. GOODWE reserves the right of final explanation to this document and its attachments.