GOODWE

YOUR SOLAR ENGINE

WiFi Configuration Instruction

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

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"

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	**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

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 you current wireless network

	SSID	AUTH/ENCRY	RSSI	Channel
○	WiFi_Burn-in	WPAPSKWPA2PSK/TKIPAES	66	1
○	WiFi_Burn-in	WPAPSKWPA2PSK/TKIPAES	100	1
○	WiFi_Burn-in	WPAPSKWPA2PSK/TKIPAES	70	1
○	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".

Step 7. Click "Complete" to confirm

Add wireless network manually

Network name (SSID)	Network name
Encryption method	WPA2-PSK ▼
Encryption algorithm	AES ▼

Please enter the wireless network passwork:

Passwork	●●●●●●●●●●
	☐ show psk

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

Back   Next

Save success!

The current configuration will take effect after restart.

If you still neet 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?

Back   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	**Access point setting**

Advanced		
Management	

Network name (SSID)	Network name
Encryption mod	WPA/WPA2-PSK ▼
Encryption algorithm	AES ▼
Password (8 to 63 characters)	Input new password

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

Save

DHCP setting for STA

IPDHCP Mode	DHCP ▼
IP address	192.168.204.149
Subnet mask	255.255.255.0
Gateway address	192.168.204.254
DNS server address	80.59.16.0

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

Save

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/

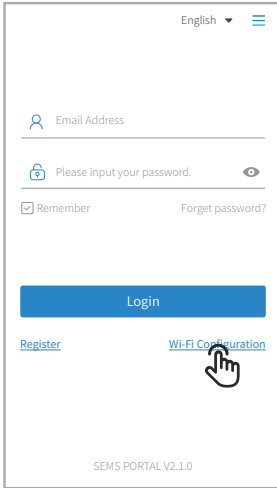## Section 2. Wi-Fi Configuration

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

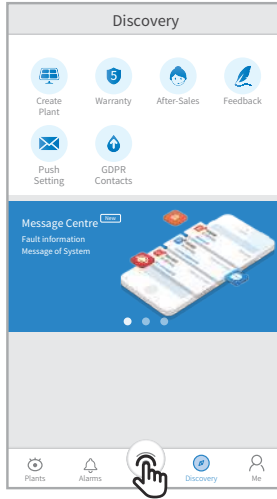**Step 2.** Make sure inverter is power on and then click "Next".

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

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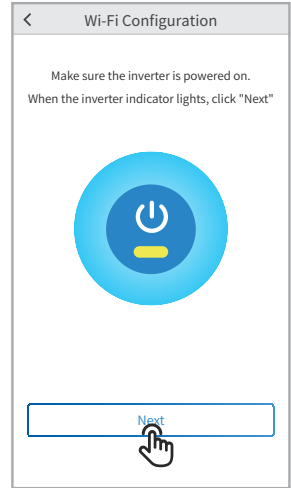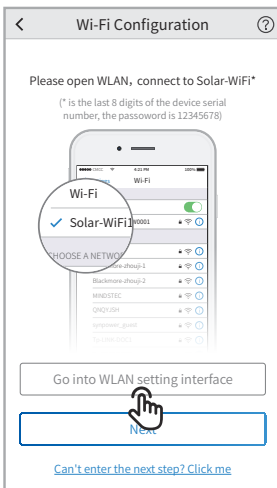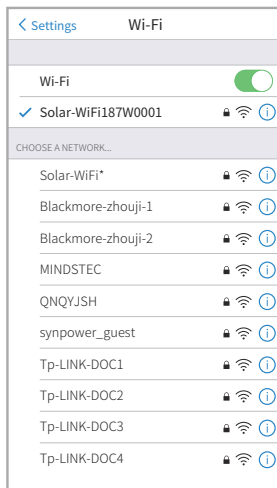(*refers to the last eight digits of inverter's SN)

Step 1

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

< Wi-Fi Configuration ⑦

Please open WLAN，connect to Solar-WiFi*

(* is the last 8 digits of the device serial number, the password is 12345678)

Wi-Fi
✓ Solar-WiFi1...W0001
CHOOSE A NETWO...
Blackmore-zhouji-1
Blackmore-zhouji-2
MINDSTEC
QNQYJSH
synpower_guest

Go into WLAN setting interface

Next

Can't enter the next step? Click me

Step 4

< Settings   Wi-Fi

Wi-Fi 🟢
✓ Solar-WiFi187W0001 🔒 🤚 ⓘ
CHOOSE A NETWORK...
Solar-WiFi* 🔒 🤚 ⓘ
Blackmore-zhouji-1 🔒 🤚 ⓘ
Blackmore-zhouji-2 🔒 🤚 ⓘ
MINDSTEC 🔒 🤚 ⓘ
QNQYJSH 🔒 🤚 ⓘ
synpower_guest 🔒 🤚 ⓘ
Tp-LINK-DOC1 🔒 🤚 ⓘ
Tp-LINK-DOC2 🔒 🤚 ⓘ
Tp-LINK-DOC3 🔒 🤚 ⓘ
Tp-LINK-DOC4 🔒 🤚 ⓘ

Step 5

< Wi-Fi Configuration ⑦

Please open WLAN，connect to Solar-WiFi*

(* is the last 8 digits of the device serial number, the password is 12345678)

Wi-Fi
✓ Solar-WiFi1...W0001
CHOOSE A NETWO...
Blackmore-zhouji-1
Blackmore-zhouji-2
MINDSTEC
QNQYJSH
synpower_guest

Go into WLAN setting interface

Next

Can't enter the next step? Click me

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		🔵
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		⚪
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

‹ Wi-Fi Configuration

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.

‹ Enter password

Please enter the password of Solar-WiFi

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

✕

‹ Enter password

Please enter the password of Solar-WiFi

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

✕

‹ 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 hotpost 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*	1. Check if inverter is power on and Wi-Fi module is well attached. 2. Make sure your smart device is close to the inverter. 3. Restart inverter. 4. Press "Wi-FI Reloadt" button to have Wi-Fi module back to default mode and follow above Wi-Fi configuration steps again.
2	Unable to connect to Solar-WiFi or Solar-Wi-Fi*	1. Try password: 12345678; 2. Check there is any device connected to the Solar-Wi-Fi* already. 3. Press "WiFi Reload" button to have Wi-Fi module back to default mode and follow above Wi-Fi configuration steps again. 4. Restart inverter and try Wi-Fi configuration again. 5. Check if there is any unacceptable character in the password.
3	Unable to login website 10.10.100.253	1. Press "WiFi Reload" button to have Wi-Fi module back to default mode and follow above Wi-Fi configuration steps again. 2. Switch to preferred browsers such as Google Chrome FireFox, IE, Safari.
4	Unable to find router SSID	1. Move the router closer to inverter or use a Wi-Fi repeater device; 2. Check if the channel number of router is higher than 13. If yes, modify it into a lower number at router configuration page.
5	Wi-Fi LED indicator blinks twice continuously with all configuration steps done	1. Restart the inverter. 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. 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. Mover Wireless Router closer to the inverter or use a wireless repeater to enhance Wi-Fi signal.
6	Wi-Fi LED indicator blinks four times continuously when all configuration steps done	1. Connect 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	1. Please wait a few minutes for data transmission and check on SEMS Portal later

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