

Wi-Fi Configuration

Option I /Via Browser

01 Preparation

1. Power Wi-Fi inverter (or Ezlogger Pro WiFi) on;
2. If you are configuring Wi-Fi inverter, make sure the yellow led on front cover is blining;
3. Power Wi-Fi router on;
4. Switch on the Wi-Fi of laptop.

02 Configure Wireless Network

1. Connect Wi-Fi to "Solar-WiFi" or "Solar-WiFi*" Password: 12345678 (*means the last 8 characters of the inverter serial number)
In the following sections, we will use "Solar-WiFi" instead "Solar-WiFi" and "Solar-WiFi*" Brwose website: <http://10.10.100.253>



Note: If "Unauthorized Login" apperas, please refresh the web browser.

3. Click "Start Setup"

Device information	
Firmware verison	1.6.9.38.2.1.38
MAC address	60:C5:A8:60:33:E1
Wireless AP mode	Enable
SSID	Solar-WiFi
IP address	10.10.100.253
Wireless STA mode	Disable
Router SSID	WiFi_Burn-in
Encryption method	WAP / WAP2-PSK
Encryption algorithm	AES
Router Password	WiFi_Burn-in

Cannot join the network, may be 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 mimute.

[Start Setup](#)

The Wi-Fi module parameters please refer to 'Device information' column above.

2. Enter User name: "admin". Password: "admin"

Admin(U):	<input type="text" value="admin"/>
Password:	<input type="password" value="*****"/>
<input checked="" type="checkbox"/> Remember the password(R)	
OK CANCEL	

4. Select Wi-Fi router's SSID and click "Next"

Please select your current wireless network:

SSID	Sec mode	Enc type	Channel	RSSI
WiFi Test	WAP2-PSK	AES	6	54%

★ **Note:** When RSSI of the selected WiFi Network is lower than 50%, the connection may be unstable, please select other available network or shorten the distance between the device and the router.

If your wireless router does not broadcast SSID, please click "Next" and add a wireless network manually.

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The Wi-Fi module parameters please refer to 'Device information' column above.

5. Fill in the password for your WiFi network.

Add wireless network manually

Network name (SSID)	<input type="text" value="WiFi-Test"/>
Encryption method	<input type="text" value="WPA/WPA2-PSK"/>
Encryption algorithm	<input type="text" value="AES"/>

Please enter the wireless network password

Password (8-63 bytes)	<input type="text" value="hellogoodwe"/>
<input type="checkbox"/> show psk	

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

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Please make sure all parameters of wireless network are matched with the router, including password.

6. Click "Complete" and the configuration process completes.

Save success!

Click "Complete", the current configuration will take effect after restart.

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

Configuration is completed, you can log on the Management page to restart device by Click on 'OK' button.

Confirm to complete?

[Back](#) [Complete](#)

03 Friendly Tips

Wizard
Advanced
Management

Access point setting

Network name (SSID)	<input type="text" value="WiFi-Test"/>
Encryption mod	<input type="text" value="WPA/WPA2-PSK"/>
Encryption algorithm	<input type="text" value="TKIP/AES"/>
Password (8 to 63 characters)	<input type="text" value="1245678"/>

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

[Save](#)

DHCP setting for STA

IPDHCP Mode	<input type="text" value="DHCP"/>
IP address	<input type="text" value="192.168.78.2"/>
Subnet address	<input type="text" value="255.255.255.0"/>
Gateway address	<input type="text" value="192.168.78.1"/>
DNS server address	<input type="text" value="0.0.0.0"/>

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

[Save](#)

You can modify the Wi-Fi module's SSID or/and password in the "Advanced" interface.

⚠ **SKIP THIS STEP UNLESS IT IS NECESSARY!**

Note: The AP "Solar-WiFi" might disappera after inverter connects to WiFi router. Turn off router or do "WiFi Reload" operation via button on inverter if you need connect to Solar-WiFi once again.

Go to SEMS Portal (www.semsportal.com) or SEMS Portal APP, register and create your Power Station.

01

Preparation

1. Power Wi-Fi inverter (or Ezlogger Pro WiFi) on;
2. If you are configuring Wi-Fi inverter, make sure the yellow led on front cover is bling;
3. Power Wi-Fi router on;
4. Search for the keyword "SEMS Portal" from Google Play Store or Apple App Store, download and install the latest version of the monitoring software for free.
5. As app keeps updating always, please visit latest version guide doc by

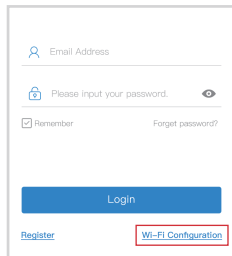
<http://en.goodwe.com/Public/Home/Wi-Fi Connection Guide.pdf>

Note: If any problem during configuration, Please refer to the relevant content in the FAQ.

02

Configure Wireless Network

1. Click "Wi-Fi Configuration" in login page



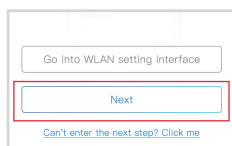
2. Or click the third one in tab bar



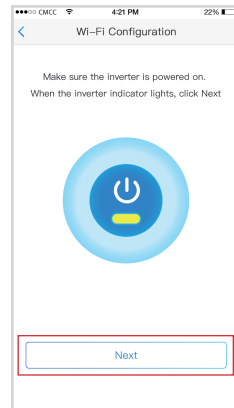
5. Connect to Solar-WiFi (Password:12345678) back to App



6. Click "Next"



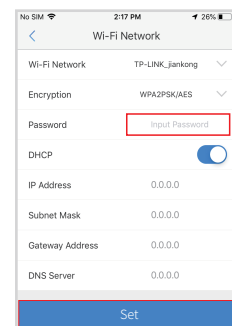
3. Power on inverter, then click "Next"



4. Click "Go into WLAN setting interface"

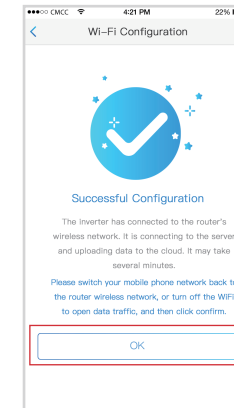


8. Enter password, and click "Set"

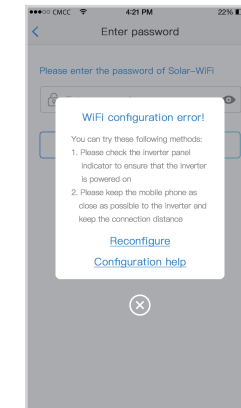


* If you want to set a specific IP to the inverter, switch off DHCP and manually input the IP address, etc.

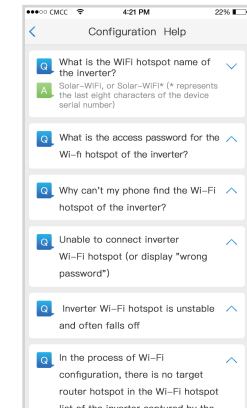
9. Read the hint before click "OK"



10. If it fails, you can "Reconfigure" or view "Configuration help"



11. Follow up the instructions and try again



FAQ (Frequently Asked Questions)

① Cannot find Wi-Fi signal of solar-WiFi

1. Make sure inverter is power on and antenna is installed;
2. Move closer to inverter;
3. Restart inverter;
4. Do "WiFi Reload" operation via button on the front cover of inverter.

② Cannot connect to Solar-WiFi

1. Try password "12345678";
2. Restart inverter;
3. Do "WiFi Reload" operation, and try password "12345678" again.

③ Cannot login webpage of Solar-WiFi

1. Try admin as username and password;
2. Do "WiFi Reload" operation, and try admin/admin again;
3. Repeat step2 again.
4. Confirm the website is <http://10.10.100.253>

④ unable to find the SSID of router on search page

1. Place the wireless router closer to inverter or add a wireless signal simplifier. Then restart Wi-Fi at "Management" page.
2. Connect to the network of Wi-Fi and then go to the "Router Configuration" page. Check the communication channel. If the value is higher than 13, please change it into a value lower than 13.

⑤ After configuration, the yellow led blinks twice regularly within 1.6 sec.

1. Restart inverter;
2. Connect to Solar-WiFi and login again, check the "SSID", "Security Mode", "Encryption Type" and "Pass Phrase" is matching with that of Wi-Fi router or not;
3. Connect to Wi-Fi router and login to check if the connection reaches the maximum amount or not, and to check the channel of it uses.
4. Restart Wi-Fi router;
5. Move Wi-Fi router closer to inverter or use a Wi-Fi repeater device.

⑥ After configuration, the yellow led blinks four times regularly within 1.6 sec.

1. Connect to the Wi-Fi router and visit the portal. Check the portal is available or not;
2. Restart Wi-Fi router and inverter;

⑦ After configuration, the yellow led is steady all the time, but the status of PV station on portal is still offline.

Please wait 10 minutes and check the status on the portal again.



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

- This device may not cause harmful interference.

- This device must accept any interference received, including interference that may cause undesired operation.

WARNING

1. This equipment complies with radio frequency (RF) exposure limits adopted by the Federal Communications Commission for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the authority of the user to operate the equipment.

Note:

This module is an accessory of the inverter and only used with the inverter. Do not install the module into other consumer device. The module can work by install the module into the inverter communication port and powering it on.