

# User Manual

## WLan-WW

Please read this manual carefully before use to avoid improper operation.

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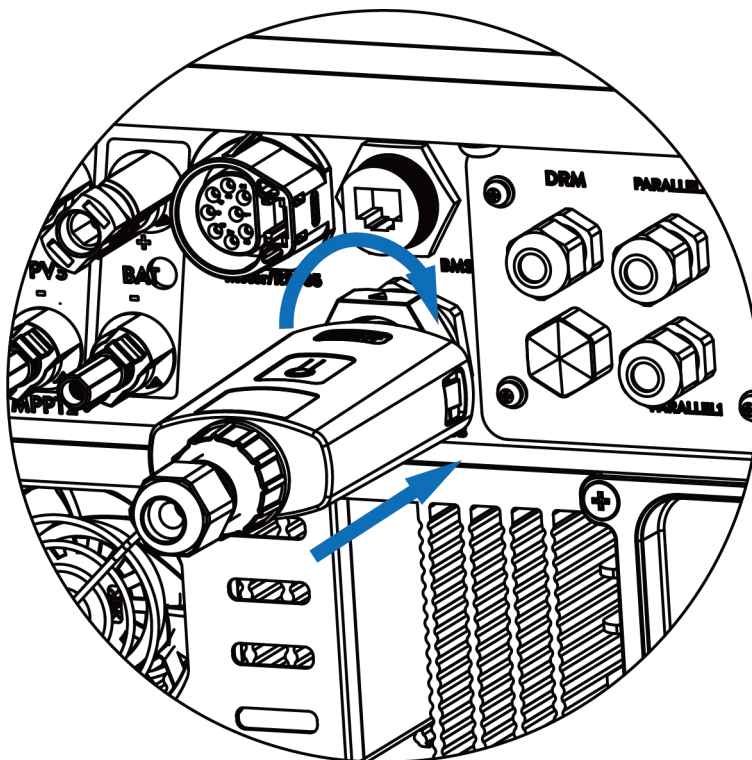
# 1. Installation

## 1.1 WIFI Connection

Rotate the nut at the top of the Wlan-WW to make sure the triangle logo is centered on the front.

Plug the Wlan-WW into the “WIFI/4G/USB” port at the bottom of the inverter.

Tighten the nut clockwise as follows.

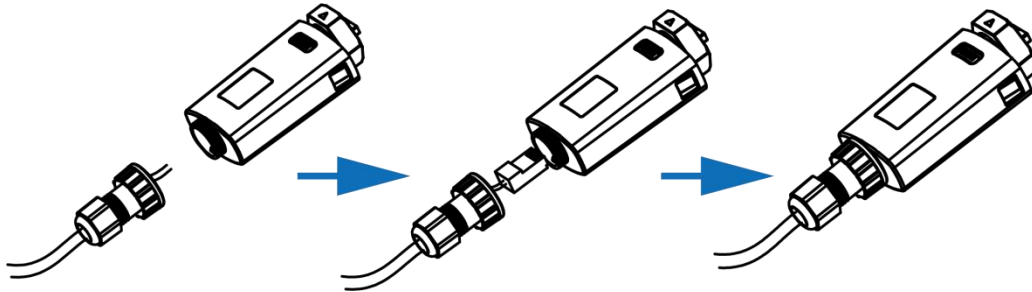


### Note:

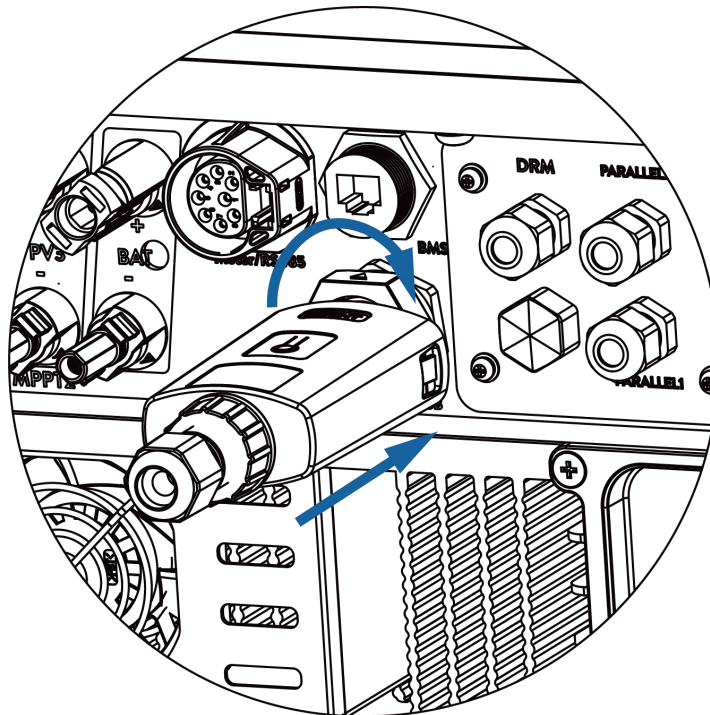
**Warning:** This is a class A Product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

## 1.2 Network Wire Connection

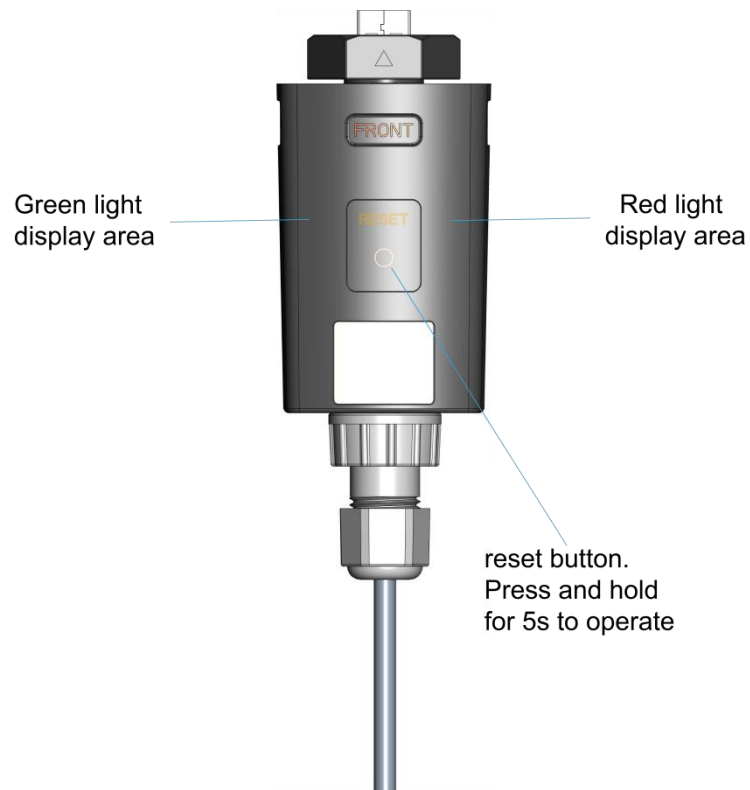
Route a network wire through the nuts at the bottom, connect an RJ45 connector to the network wire, and insert the RJ45 connector into the body. Tighten the nuts.



Rotate the nut at the top of the WLAN-WW to make sure the triangle logo is centered on the front. Plug the WLAN-WW into the "WIFI/4G/USB" port at the bottom of the inverter. Tighten the nut clockwise as follows.



## 2. Key and Pilot lamp

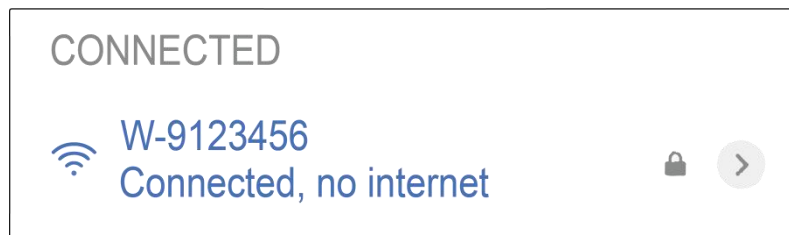


Red light	0.1s interval flash	Not connected to router
	0.5s interval flash	The IP has been acquired, but the handshake with the server was not successful.
	1s interval blinking	Handshake with the server was successful.
Green light	Flashing once	The collector receives a packet of inverter data

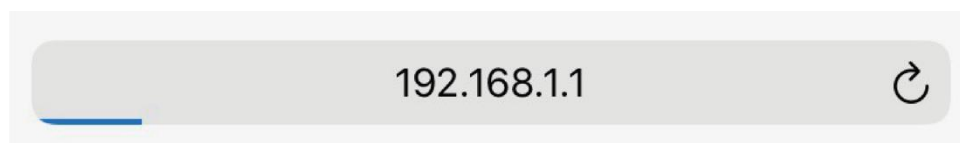
# 3. Web Configuration

## 3.1 Login

1) Connect your computer or mobile device with Smart WiFi. The SSID of the Smart WiFi is 'W-xxxxxxx' and the password is 'mtmt2020'. ('xxxxxxx' is the last 7 digits of the dataloger serial number)

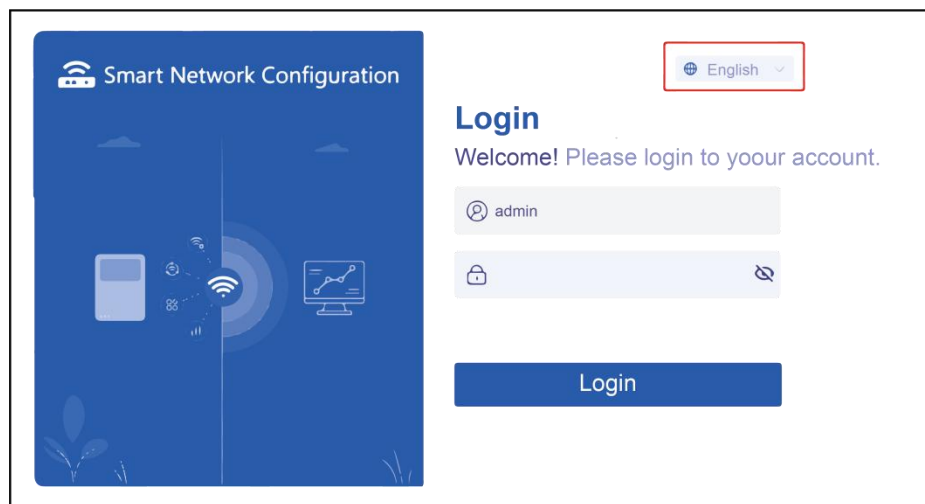


2) After connecting successfully. Open browser and enter 'https://192.168.1.1' on the address bar on top.

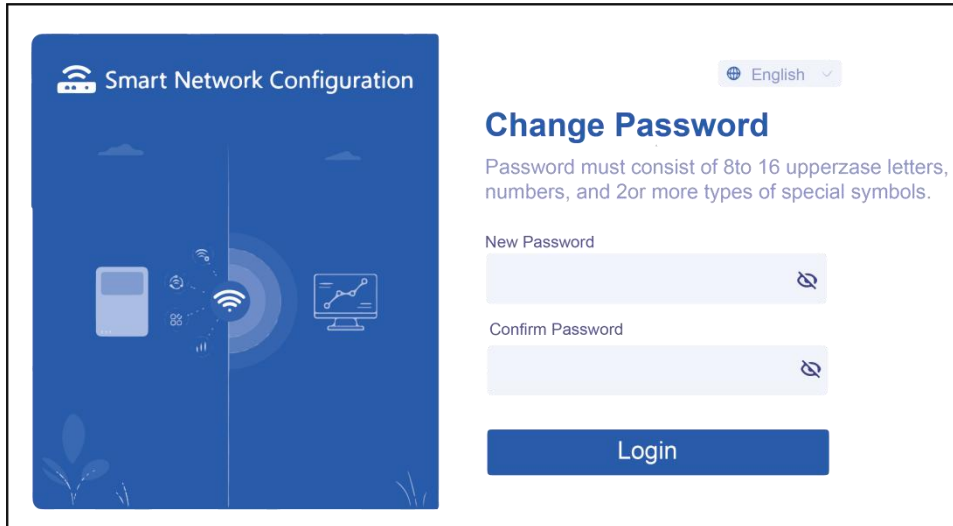


3) Correctly enter the password (The login password and WIFI password are always the same, and the default password for login is also "mtmt2020".), click to log in!

**Tip: You can switch to other languages in the upper right corner of the page.**



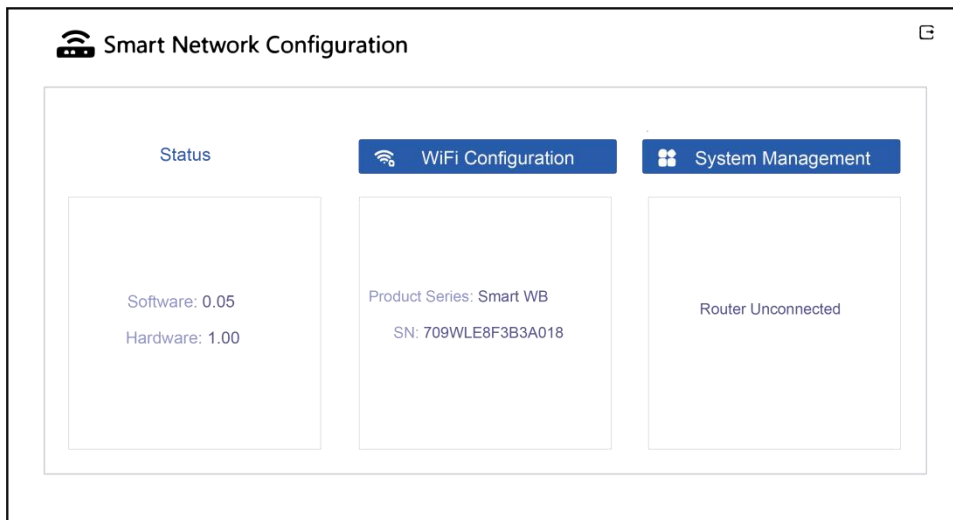
**Note: When Wlan-WW dataloger is used for the first time, enter the initial password, click login, the page jumps to the change password page (as below), you need to change the login password. When you change the login password, the WIFI password is also changed.**



The password must be composed of 2 or more types of upper and lower case letters, numbers and special symbols from 8 to 16 digits!

### 3.2 Status

After logging in, the page jumps to the "Status" page. In this page, you can see some basic information about the datalogger, as shown below:



### 3.3 WiFi configuration

Click on "WiFi Configuration"

The screenshot shows the 'Smart Network Configuration' interface with the 'WiFi Configuration' tab selected. It contains three main sections: 'WiFi Settings', 'Network Configuration', and 'Port Settings'. The 'WiFi Settings' section includes fields for 'WiFi Mac' (80:64:6F:DD:A6:6C), 'SSID', and 'Password', with a 'Submit' button below. The 'Network Configuration' section includes a 'Type' dropdown (set to 'Static IP'), 'IP', 'Subnet Mask', and 'SGateway' fields, with a 'Submit' button below. The 'Port Settings' section includes a 'Port' dropdown (set to 'Undefined1') and a 'Save' button below.

**Tip: Only "Ethernet Mac" and "Ethernet Configuration" exist for WLAN-WW, as follows:**

The screenshot shows the 'Smart Network Configuration' interface with the 'Ethernet Configuration' tab selected. It contains four main sections: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. The 'WiFi Settings' section includes fields for 'WiFi Mac' (80:64:6F:DD:A7:AC), 'Ethernet Ma' (80:64:6F:DD:A7:AF), 'SSID', and 'Password', with a 'Submit' button below. The 'Network Configuration' section includes a 'Type' dropdown (set to 'Dynamic IP'), 'IP', 'Subnet Mask', and 'SGateway' fields, with a 'Submit' button below. The 'Ethernet Configuration' section includes a 'Type' dropdown (set to 'Dynamic IP'), 'IP', 'Subnet Mask', and 'SGateway' fields, with a 'Save' button below. The 'Port Settings' section includes a 'Port' dropdown (set to 'Undefined1') and a 'Save' button below. A red box highlights the 'Ethernet Configuration' section.

#### 3.3.1 WiFi Setting

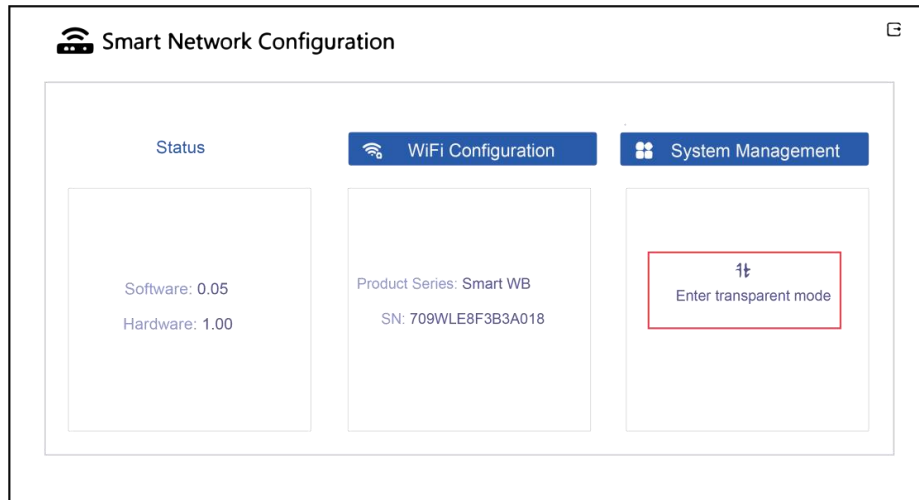
- 1) SSID allows you to select the name of the router to which you want to connect.
- 2) Click 'Save'.

**Tip: The collector collects the user's WIFI account password, which is only used for the collector to connect to the router, so that the collector has the function of accessing the Internet.**

The screenshot shows the 'Smart Network Configuration' interface with the 'WiFi Configuration' tab selected. It contains four main sections: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. The 'WiFi Settings' section includes fields for 'WiFi Mac' (80:64:6F:DD:A7:AC), 'Ethernet Ma' (80:64:6F:DD:A7:AF), 'SSID', and 'Password', with a 'Submit' button below. The 'Network Configuration' section includes a 'Type' dropdown (set to 'Dynamic IP'), 'IP', 'Subnet Mask', and 'SGateway' fields, with a 'Submit' button below. The 'Ethernet Configuration' section includes a 'Type' dropdown (set to 'Dynamic IP'), 'IP', 'Subnet Mask', and 'SGateway' fields, with a 'Save' button below. The 'Port Settings' section includes a 'Port' dropdown (set to 'Undefined1') and a 'Save' button below. A red box highlights the 'Ethernet Ma' field in the 'WiFi Settings' section.



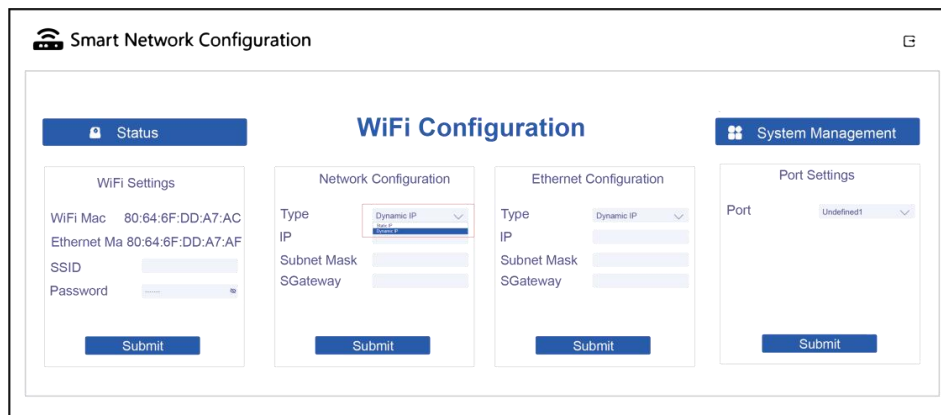
**Tip: You can check the "Status" page, if it shows "Enter transparent mode", it means the network has been successfully configured.**



### 3.3.2 Network configuration

WiFi configuration includes two types of "Dynamic IP" and "Static IP".

The default is "Dynamic IP", if you want "Static IP" you can set it manually. To select "Static IP", select "Static IP" in the Type drop-down box. Enter the relevant information correctly and click save.



### 3.3.3 Ethernet configuration

only WLAN-WWW exists in this section

Ethernet configuration includes two types of "Dynamic IP" and "Static IP".

The default is "Dynamic IP", if you want "Static IP" you can set it manually. To select "Static IP", select "Static IP" in the Type drop-down box. Enter the relevant information correctly and click save.

The screenshot shows the 'Smart Network Configuration' interface. The main title is 'WiFi Configuration'. There are four main sections: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. The 'Ethernet Configuration' section is highlighted with a red box around its 'Type' dropdown menu, which is currently set to 'Dynamic IP'. Other fields in this section include 'IP', 'Subnet Mask', and 'SGateway', each with an input field. The 'Port Settings' section has a 'Port' dropdown menu set to 'Undefined1'. Each section has a 'Submit' button at the bottom.

### 3.3.4 Port Settings

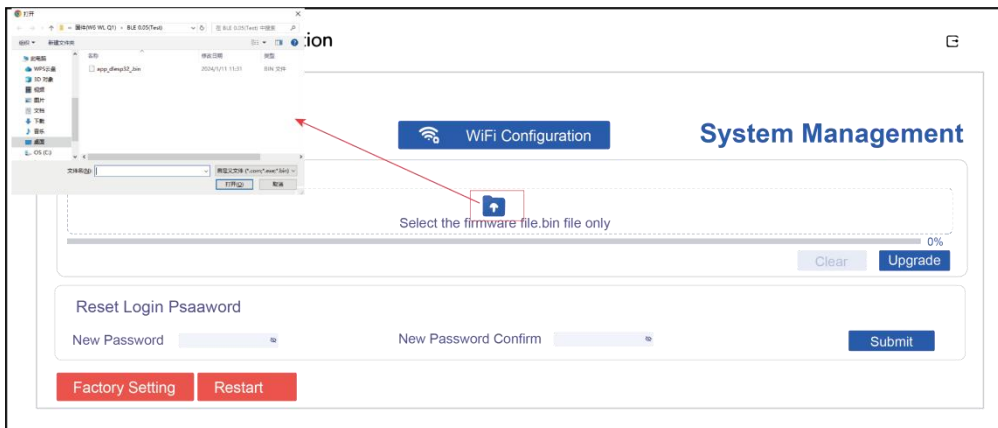
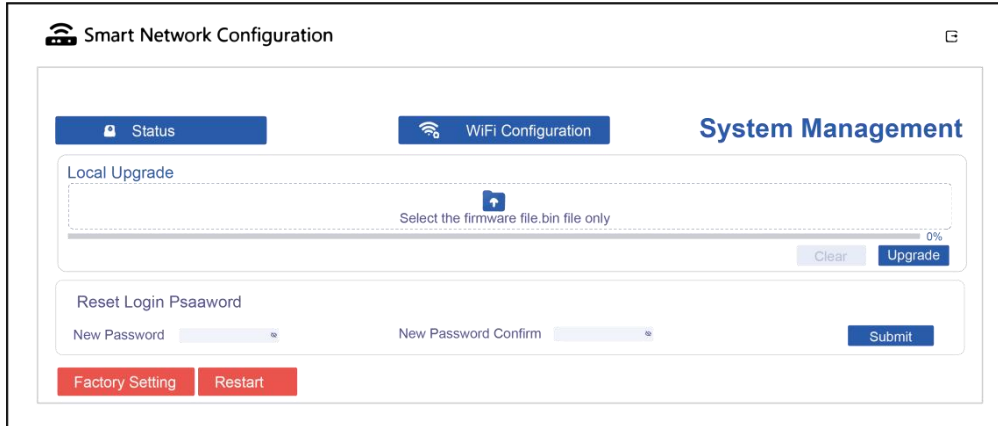
Select the appropriate port and click 'Save' .

The screenshot shows the 'Smart Network Configuration' interface. The main title is 'WiFi Configuration'. There are four main sections: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. The 'Port Settings' section is highlighted with a red box around its 'Port' dropdown menu, which is currently set to 'Undefined1'. The dropdown menu is open, showing a list of options. Each section has a 'Submit' button at the bottom.

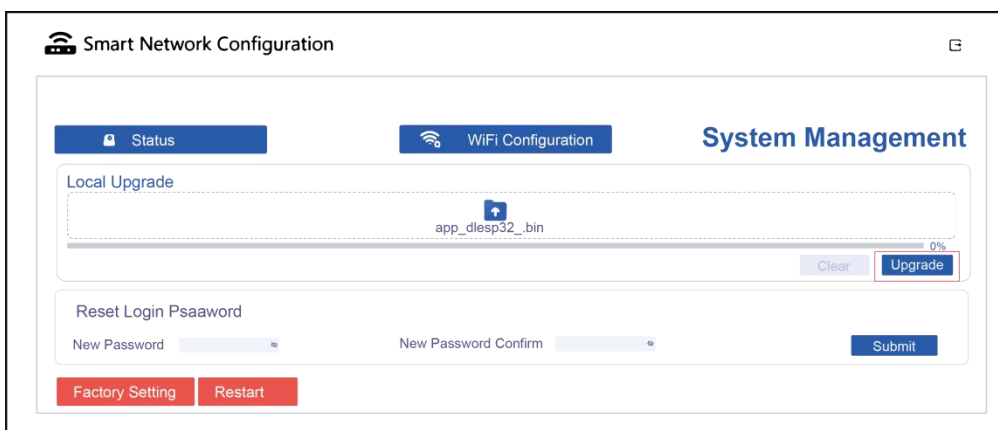
### 3.4 System setup

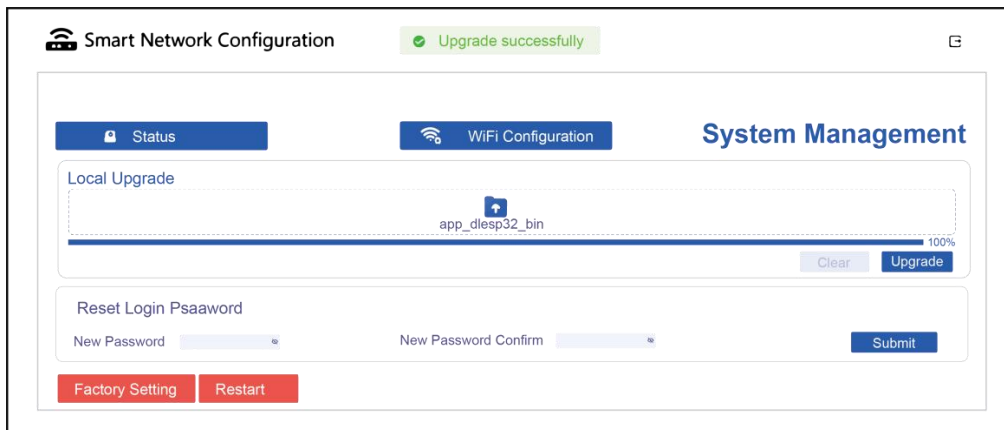
#### 3.4.1 Local upgrade

1 ) Click "Select the firmware file", select the appropriate bin format file in your computer/phone.



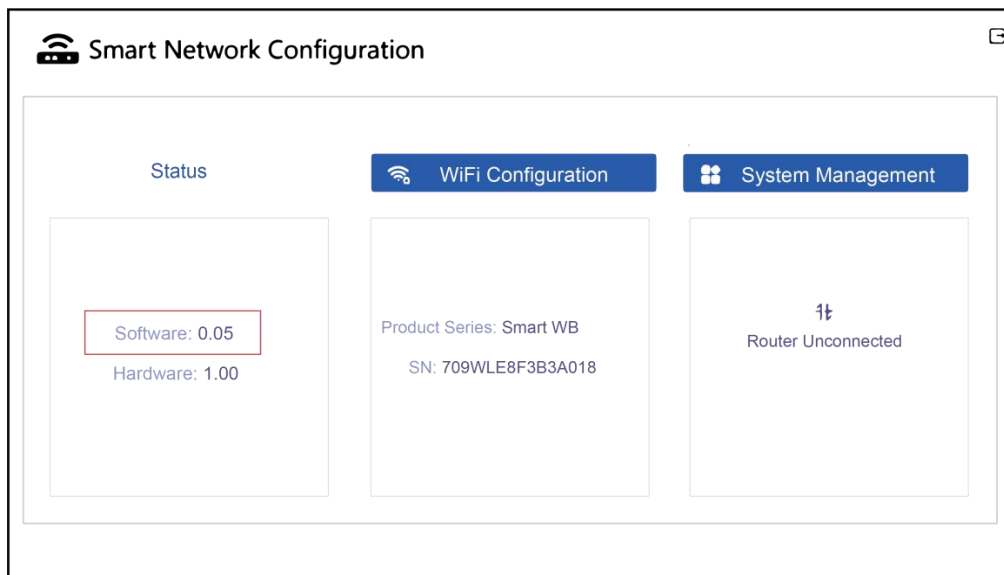
2 ) Click upgrade, wait for the progress bar to reach 100%, the upgrade is complete.





**Tip:** You can check the "Status" page to see if the version has changed to confirm whether the upgrade is successful or not.

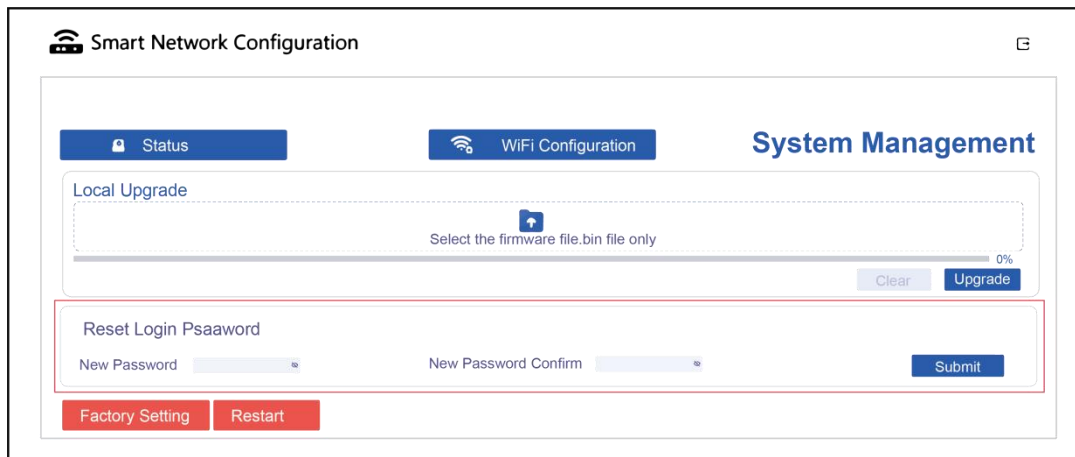
**Note:** After the upgrade is completed, you need to wait for WiFi to disconnect and reconnect to WiFi, and then you need to log in again.



### 3.4.2 Reset Login Password

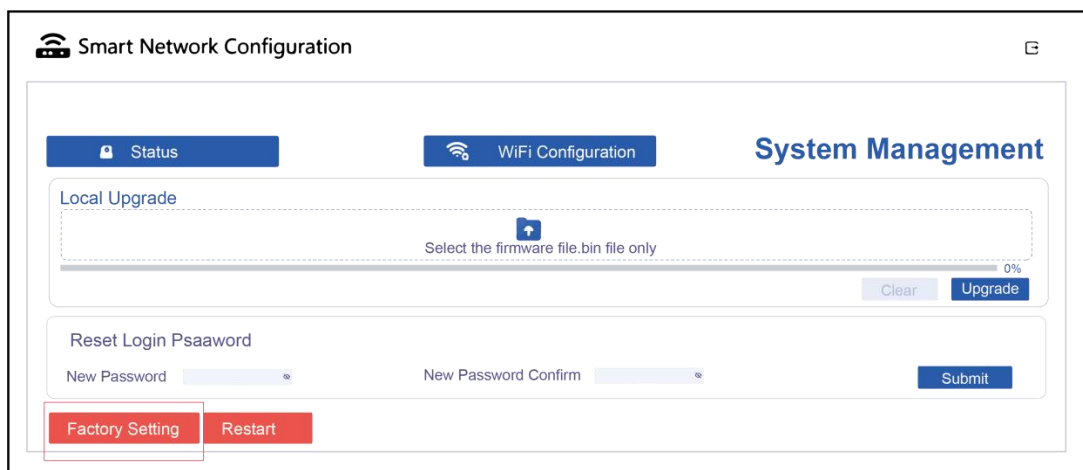
- 1) Enter "New Password" and "New Password Confirm" correctly in Reset Login Password.
- 2) Click 'OK' to change your login password.

**Note: The password must be composed of 2 or more types of upper and lower case letters, numbers and special symbols from 8 to 16 digits!**



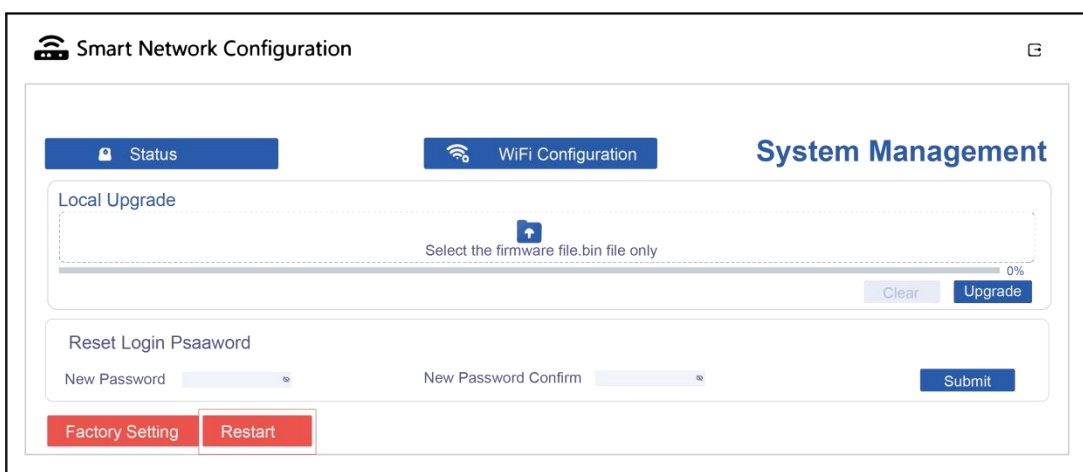
### 3.4.3 Factory Setting

Click the "Factory Setting" button.




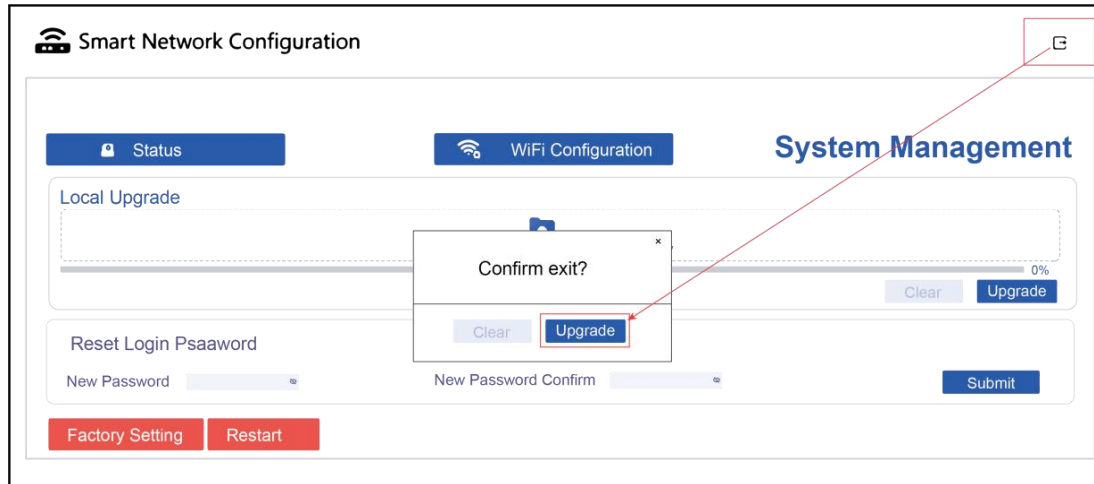
### 3.4.4 Restart

Click the "Restart" button.

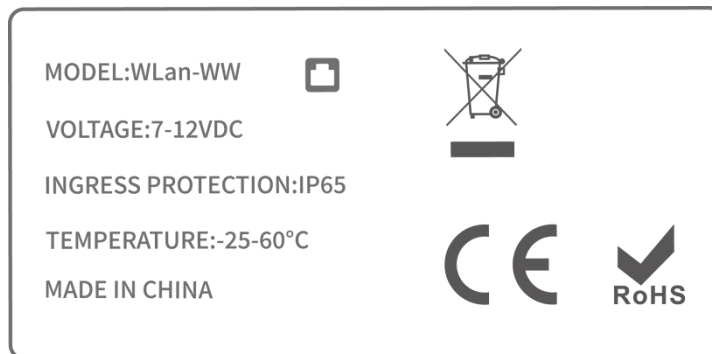





### 3.5 Logging out

- 1) Click the "  " button on the page.
- 2) In the pop-up box, click on the confirmation button can be.



## 4. Performance Parameters



Symbols	Explanation
	Symbol Explanation CE mark. The energy station complies with the requirements of the applicable CE guidelines.
	Product should not be disposed as household waste.
	Restriction of the Use of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBBs), and Polybrominated Diphenyl Ethers (PBDEs) in Electrical and Electronic Equipment Directive.

## 5. How vulnerabilities are disclosed

The product warranty and software support period are the same as the warranty period of the inverter, which is 10 years.

Vulnerability Report: Please upload a detailed description of the product Vulnerability to <https://support.fox-ess.com/portal/en/newticket?departmentId=121225000000549198&layoutId=121225000000564485>

After receiving the Vulnerability report, we will analyze it and reply to the customer within 7 days. After confirming the vulnerability, we will provide the Vulnerability repair plan within 30 days. After confirming the solution, we will implement the repair and verification within 30 days.

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