

User Manual

WLan-WW

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

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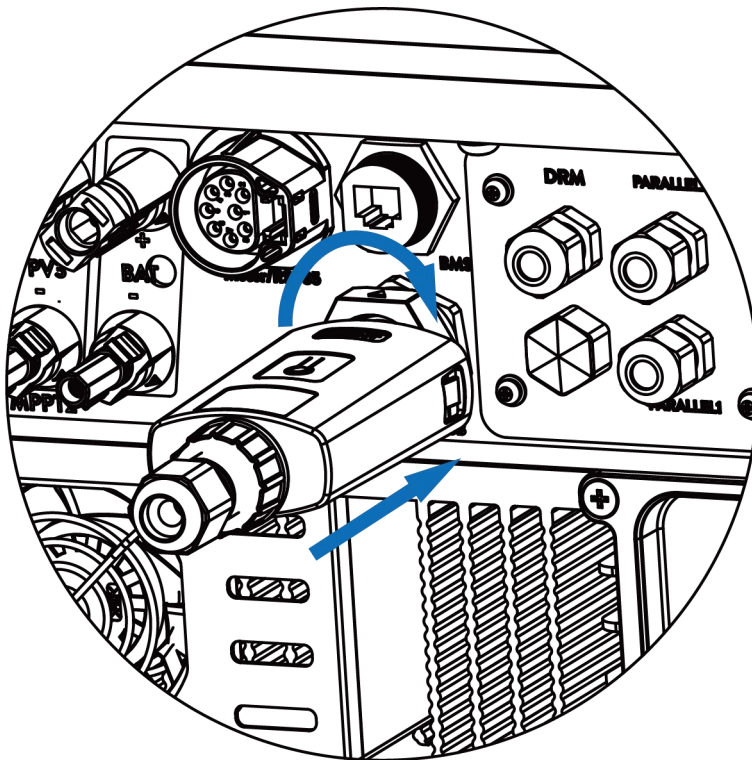
1. Installation

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.

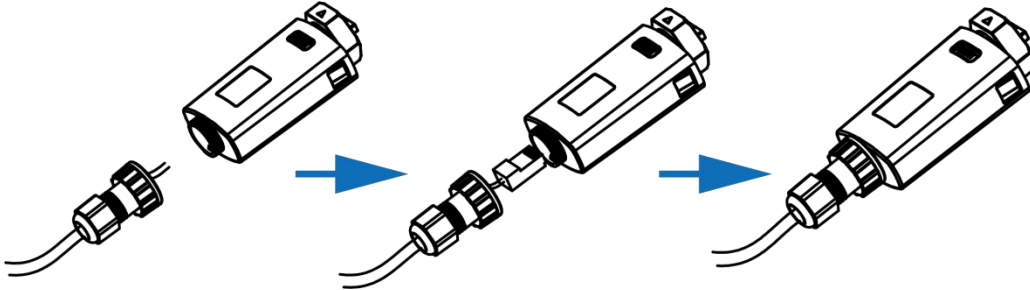


Note:

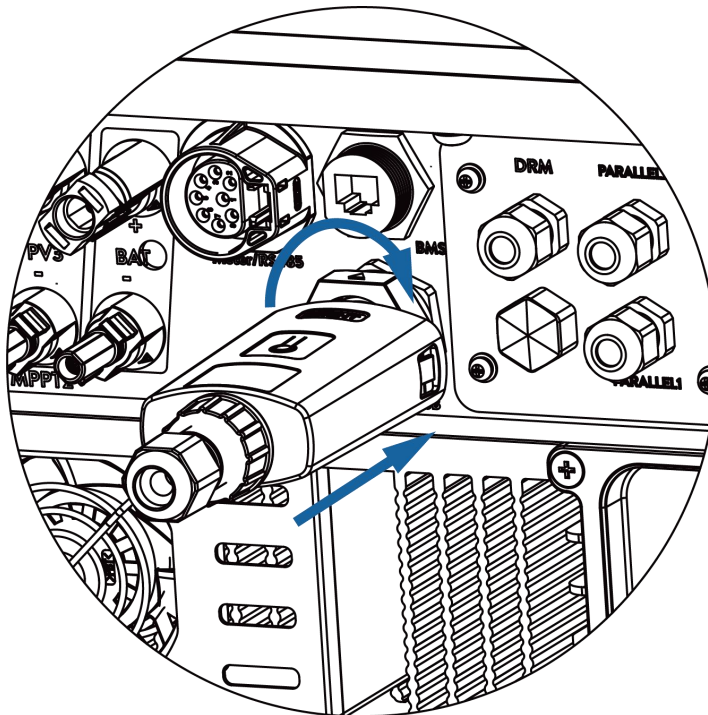
Warning: This is a class A Product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

1.2 Network Wire Connection

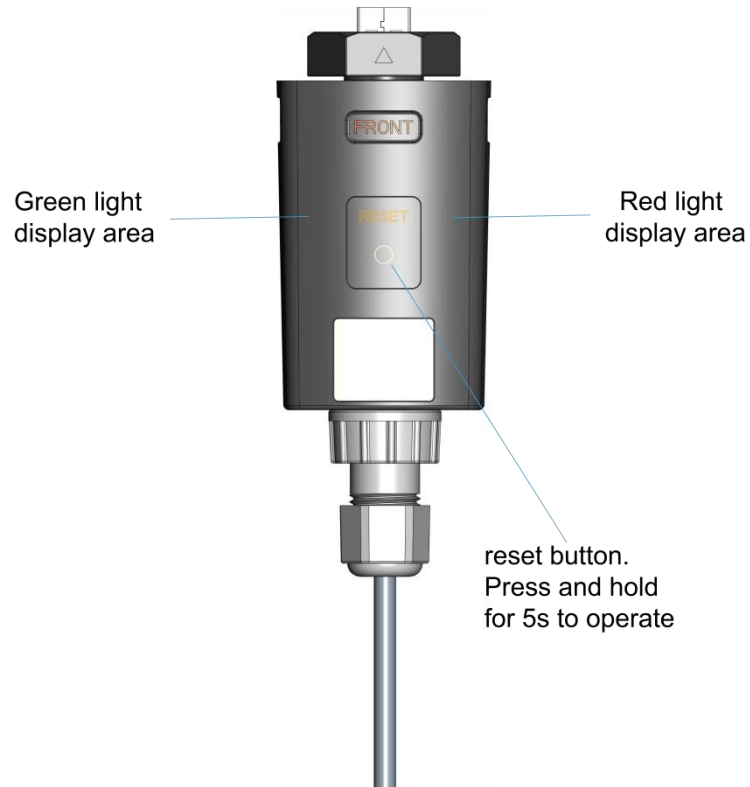
Route a network wire through the nuts at the bottom, connect an RJ45 connector to the network wire, and insert the RJ45 connector into the body. Tighten the nuts.



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

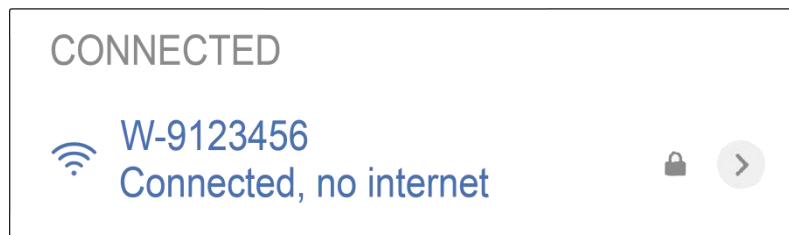


Red light	0.1s interval flash	Not connected to router
	0.5s interval flash	The IP has been acquired, but the handshake with the server was not successful.
	1s interval blinking	Handshake with the server was successful.
Green light	Flashing once	The collector receives a packet of inverter data

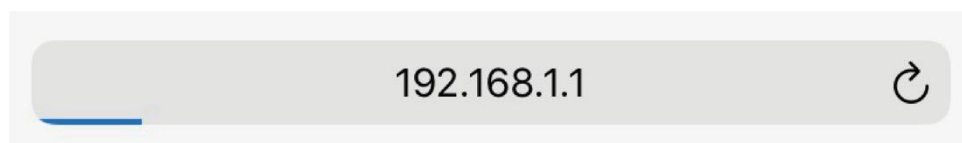
3. Web Configuration

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)

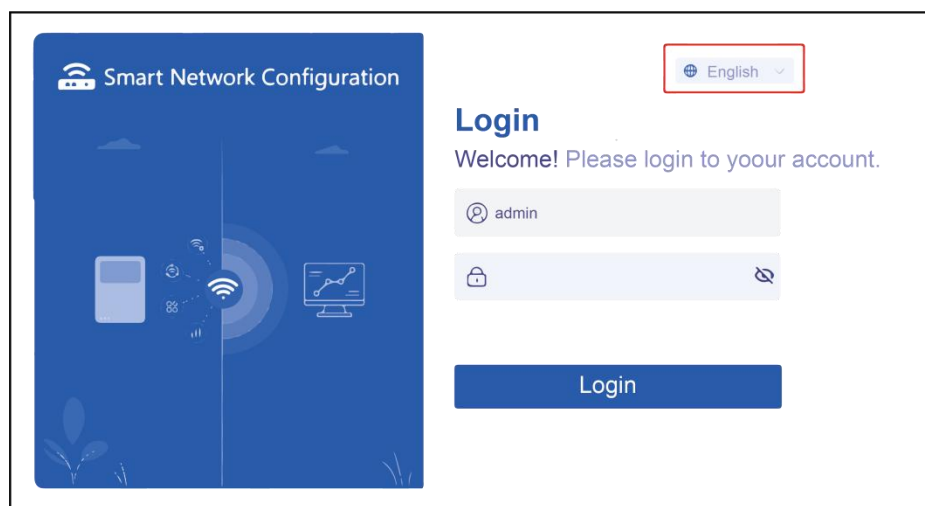


2) After connecting successfully. Open browser and enter 'https://192.168.1.1' on the address bar on top.

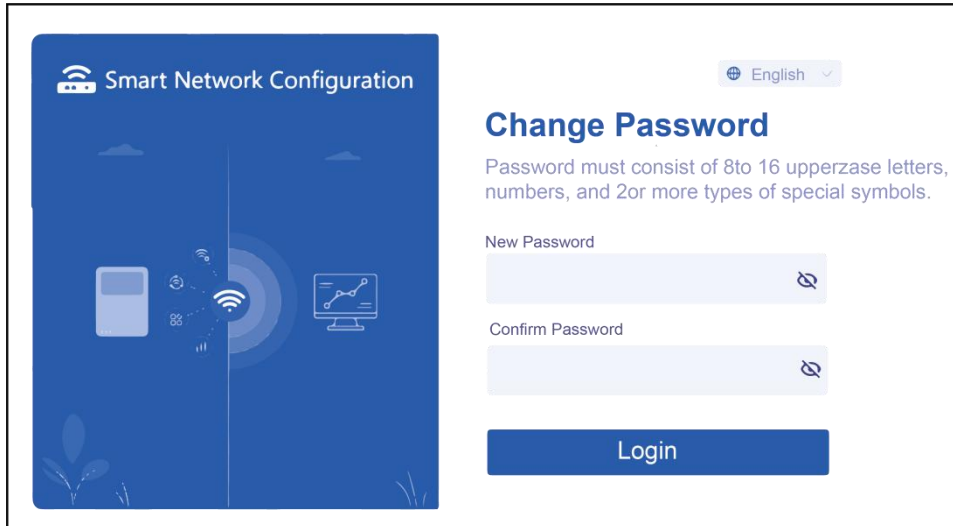


3) Correctly enter the password (The login password and WIFI password are always the same, and the default password for login is also "mtmt2020")., click to log in!

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 screenshot shows the 'Smart Network Configuration' interface with a 'Change Password' section. On the left is a blue graphic with network-related icons. The right side has a language dropdown set to 'English', a title 'Change Password', and a password requirement note: 'Password must consist of 8to 16 upperzase letters, numbers, and 2or more types of special symbols.' Below this are two input fields for 'New Password' and 'Confirm Password', each with a toggle icon. A 'Login' button is at the bottom.

Smart Network Configuration

English

Change Password

Password must consist of 8to 16 upperzase letters, numbers, and 2or more types of special symbols.

New Password

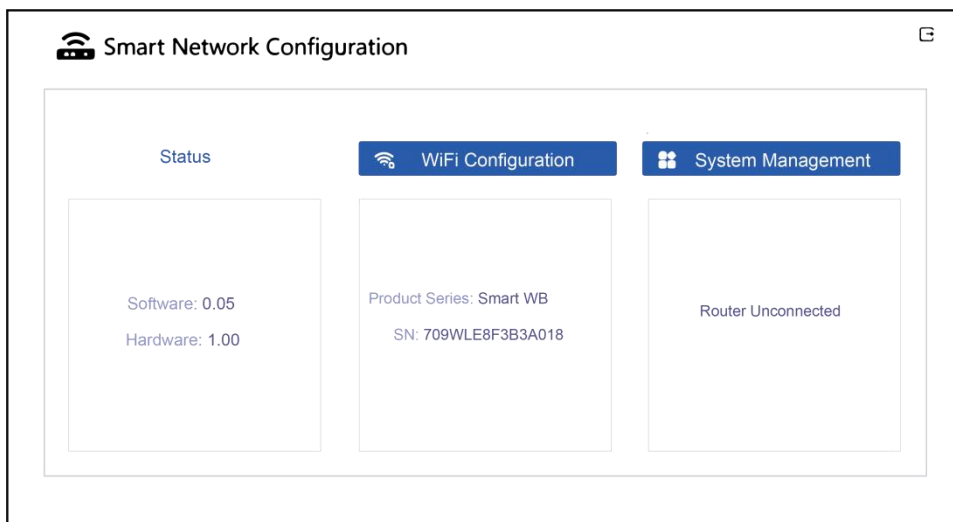
Confirm Password

Login

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 dataloger, as shown below:



The screenshot shows the 'Smart Network Configuration' interface with the 'Status' tab selected. At the top are three tabs: 'Status', 'WiFi Configuration', and 'System Management'. Below the tabs are three white boxes containing device information. The first box shows 'Software: 0.05' and 'Hardware: 1.00'. The second box shows 'Product Series: Smart WB' and 'SN: 709WLE8F3B3A018'. The third box shows 'Router Unconnected'.

Smart Network Configuration

Status WiFi Configuration System Management

Software: 0.05
Hardware: 1.00

Product Series: Smart WB
SN: 709WLE8F3B3A018

Router Unconnected

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 sub-sections: 'WiFi Settings', 'Network Configuration', and 'Port Settings'. 'WiFi Settings' includes fields for WiFi Mac (80:64:6F:DD:A6:6C), SSID, and Password, with a 'Submit' button. 'Network Configuration' includes fields for Type (Static IP), IP, Subnet Mask, and SGateway, with a 'Submit' button. 'Port Settings' includes a Port dropdown (Undefined1) and a 'Save' button.

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 three sub-sections: 'WiFi Settings', 'Network Configuration', and 'Ethernet Configuration'. 'WiFi Settings' 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. 'Network Configuration' includes fields for Type (Dynamic IP), IP, Subnet Mask, and SGateway, with a 'Submit' button. 'Ethernet Configuration' includes fields for Type (Dynamic IP), IP, Subnet Mask, and SGateway, with a 'Save' button. 'Port Settings' includes a Port dropdown (Undefined1) and a 'Save' button.

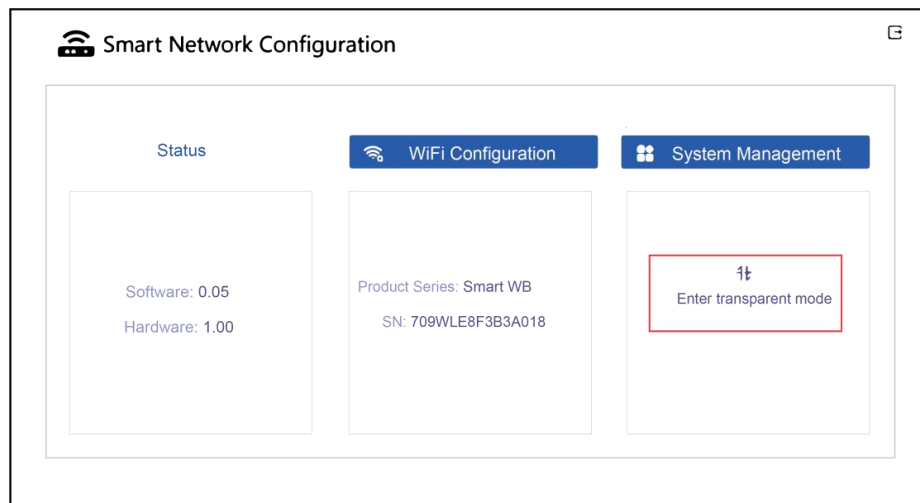
3.3.1 WiFi Setting

- 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 three sub-sections: 'WiFi Settings', 'Network Configuration', and 'Ethernet Configuration'. 'WiFi Settings' 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. 'Network Configuration' includes fields for Type (Dynamic IP), IP, Subnet Mask, and SGateway, with a 'Submit' button. 'Ethernet Configuration' includes fields for Type (Dynamic IP), IP, Subnet Mask, and SGateway, with a 'Save' button. 'Port Settings' includes a Port dropdown (Undefined1) and a 'Save' button.

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

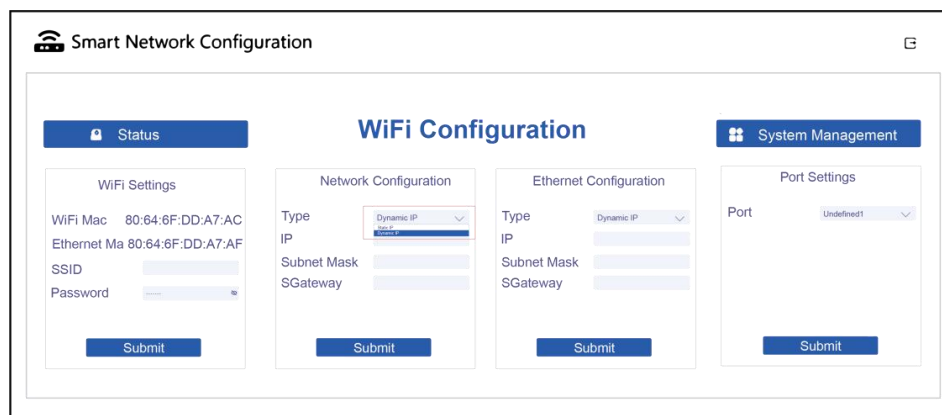


The image shows the 'Smart Network Configuration' interface. At the top, there are three tabs: 'Status' (selected), 'WiFi Configuration', and 'System Management'. The 'Status' tab displays three panels. The first panel shows 'Software: 0.05' and 'Hardware: 1.00'. The second panel shows 'Product Series: Smart WB' and 'SN: 709WLE8F3B3A018'. The third panel, which is highlighted with a red border, shows a red box with the text '1t Enter transparent mode'.

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.



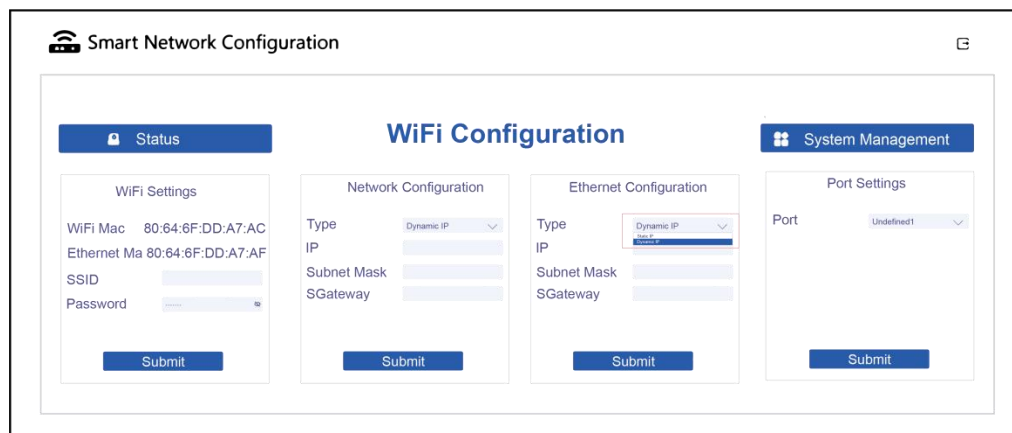
The image shows the 'Smart Network Configuration' interface with the 'WiFi Configuration' tab selected. The page is divided into four main sections: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. Each section has a 'Submit' button. The 'WiFi Settings' section shows 'WiFi Mac 80:64:6F:DD:A7:AC', 'Ethernet Ma 80:64:6F:DD:A7:AF', 'SSID', and 'Password'. The 'Network Configuration' section shows 'Type' (Dynamic IP), 'IP', 'Subnet Mask', and 'SGateway'. The 'Ethernet Configuration' section shows 'Type' (Dynamic IP), 'IP', 'Subnet Mask', and 'SGateway'. The 'Port Settings' section shows 'Port' (Undefined1).

3.3.3 Ethernet configuration

only WLAN-WWW exists in this section

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

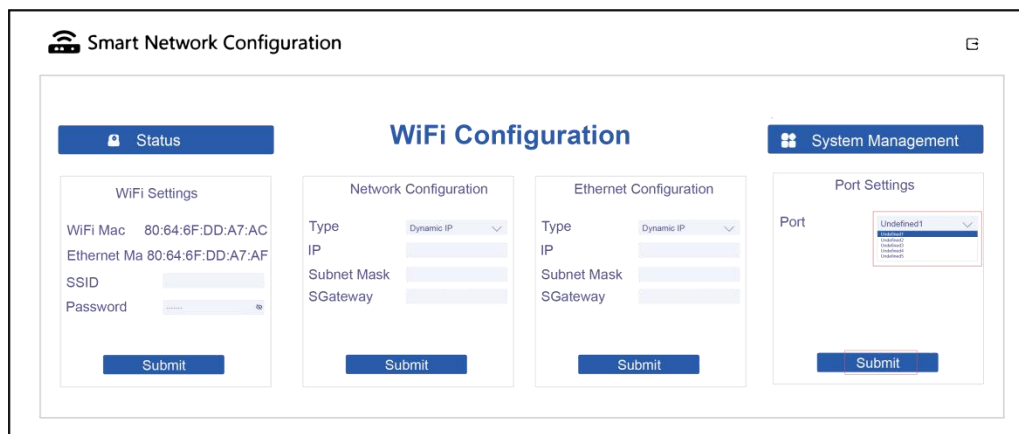
The default is "Dynamic IP", if you want "Static IP" you can set it manually. To select "Static IP", select "Static IP" in the Type drop-down box. Enter the relevant information correctly and click save.



The screenshot shows the 'Smart Network Configuration' interface. The 'WiFi Configuration' section is active, displaying four sub-sections: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. Each sub-section has a 'Submit' button. The 'Ethernet Configuration' sub-section is highlighted with a red box around its 'Type' dropdown menu, which is currently set to 'Dynamic IP'.

3.3.4 Port Settings

Select the appropriate port and click 'Save' .

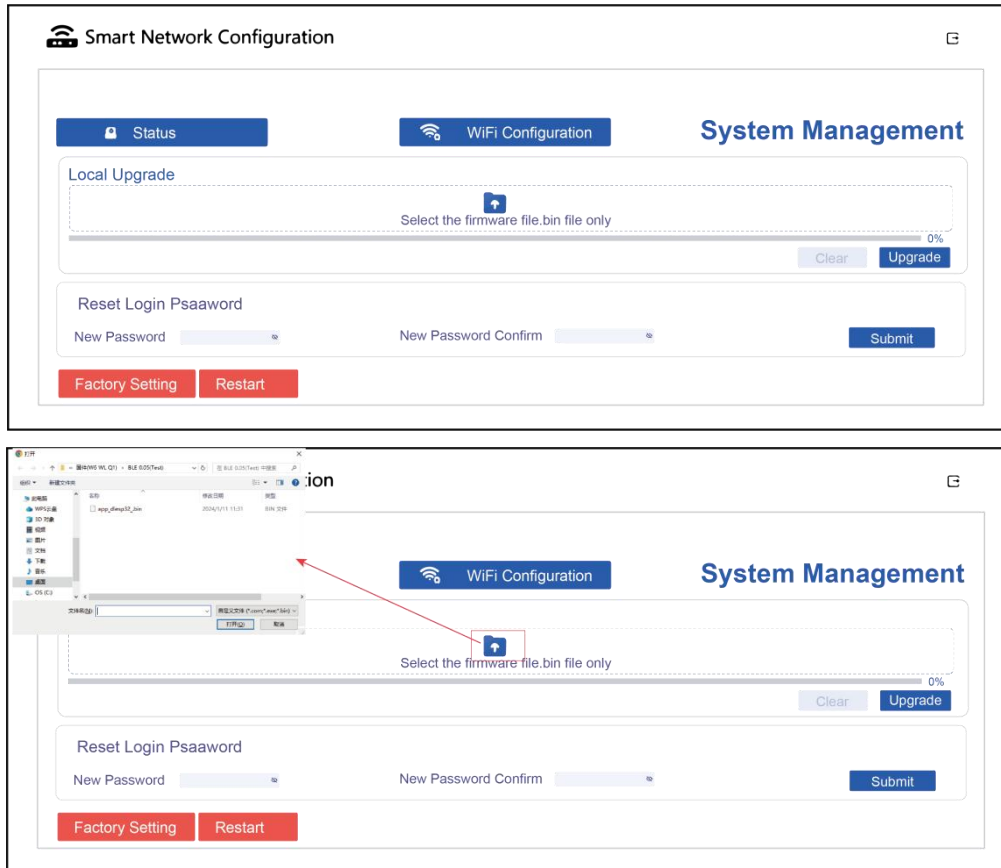


The screenshot shows the 'Smart Network Configuration' interface. The 'Port Settings' sub-section is highlighted with a red box around its 'Port' dropdown menu, which is currently set to 'Undefined1'. The 'Submit' button for this section is also highlighted with a red box.

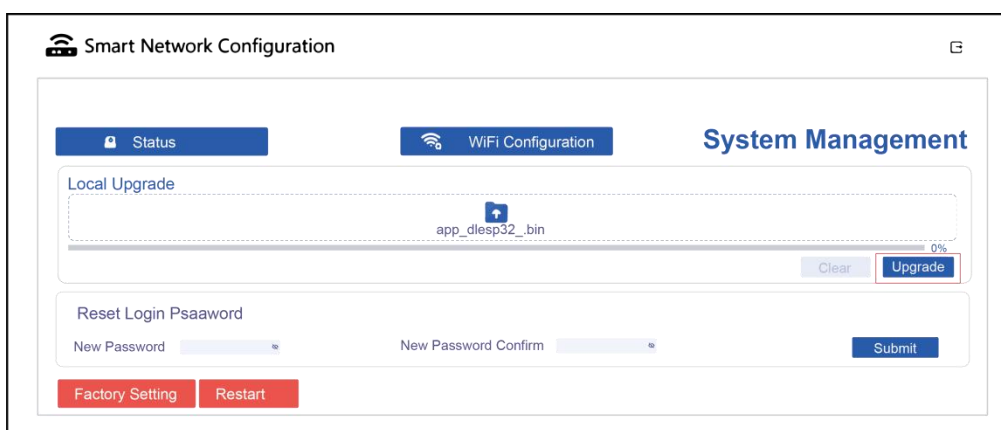
3.4 System setup

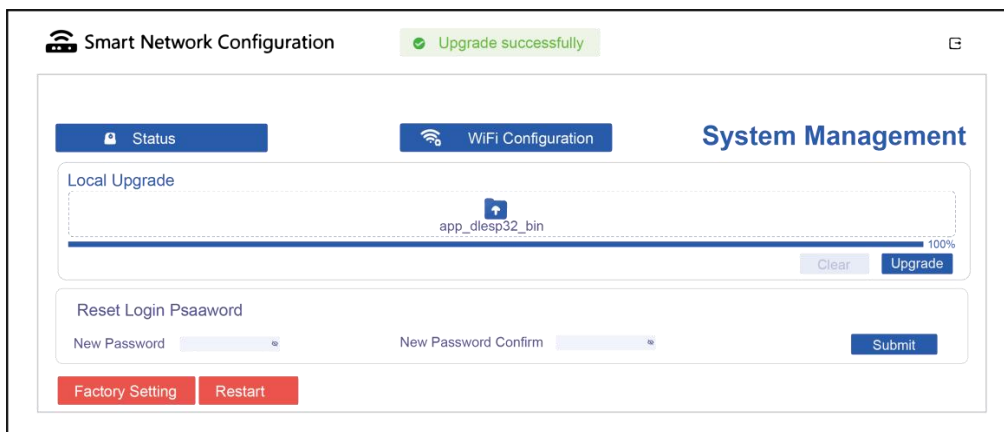
3.4.1 Local upgrade

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



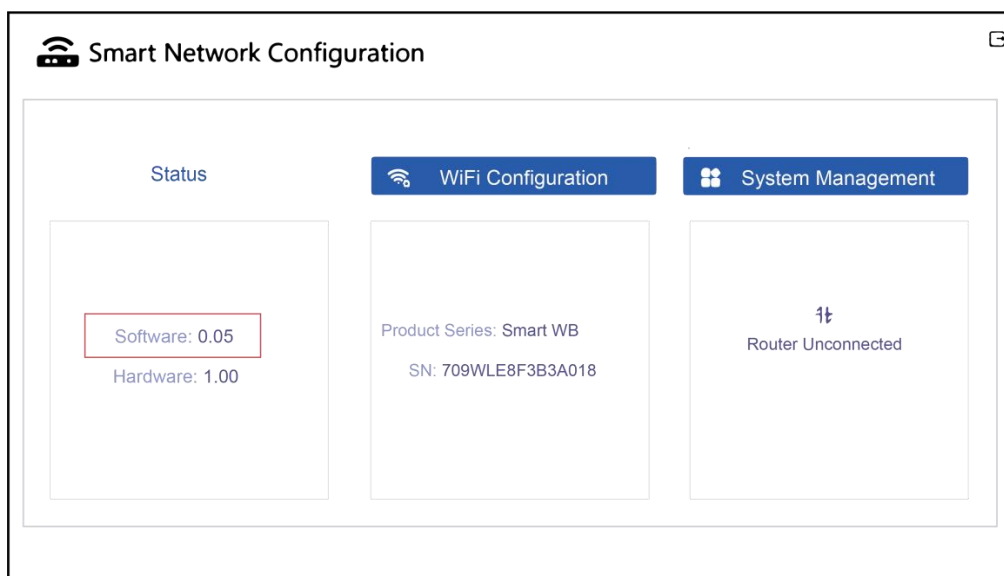
2) Click upgrade, wait for the progress bar to reach 100%, the upgrade is complete.





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

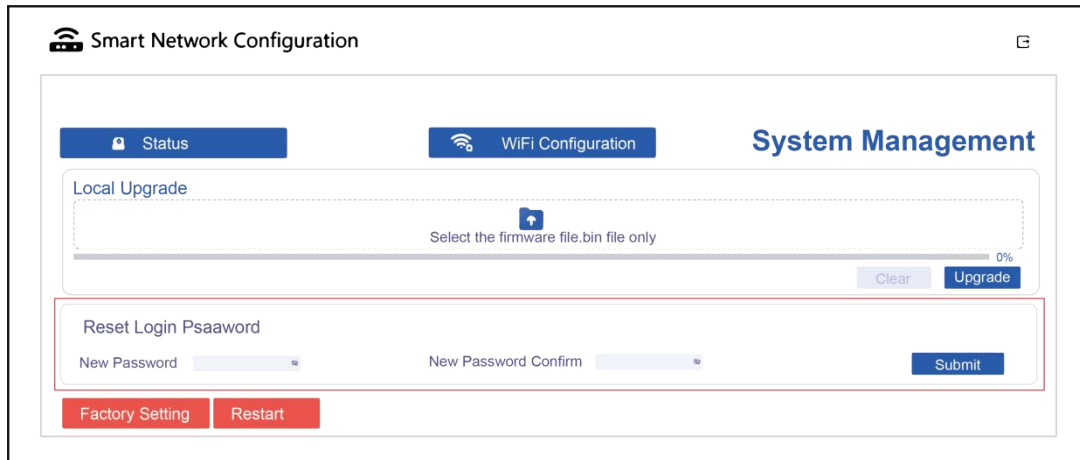
Note: After the upgrade is completed, you need to wait for WiFi to disconnect and reconnect to WiFi, and then you need to log in again.



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.

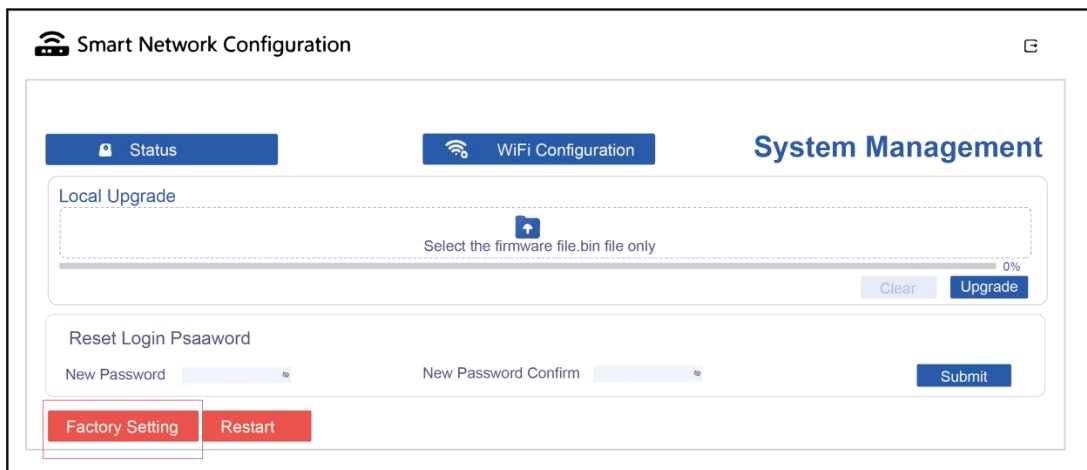
Note: The password must be composed of 2 or more types of upper and lower case letters, numbers and special symbols from 8 to 16 digits!



The screenshot shows the 'Smart Network Configuration' web interface. At the top, there are tabs for 'Status' and 'WiFi Configuration', and a 'System Management' header. Below the tabs, there are three main sections: 'Local Upgrade' with a file selection area and a progress bar at 0%; 'Reset Login Password' with input fields for 'New Password' and 'New Password Confirm', and a 'Submit' button; and two red buttons at the bottom, 'Factory Setting' and 'Restart'.

3.4.3 Factory Setting

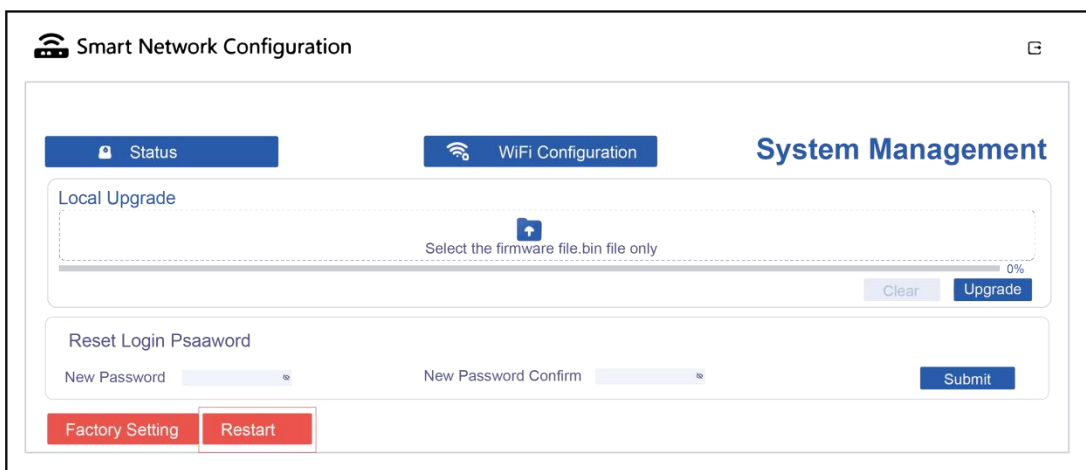
Click the "Factory Setting" button.



This screenshot is identical to the previous one, but a red rectangular box highlights the 'Factory Setting' button at the bottom left of the interface.

3.4.4 Restart

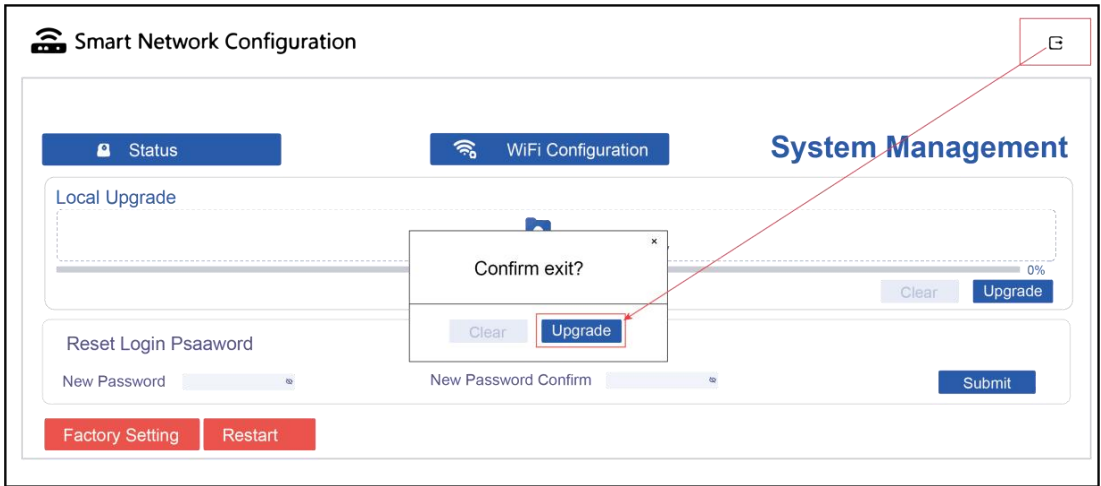
Click the "Restart" button.



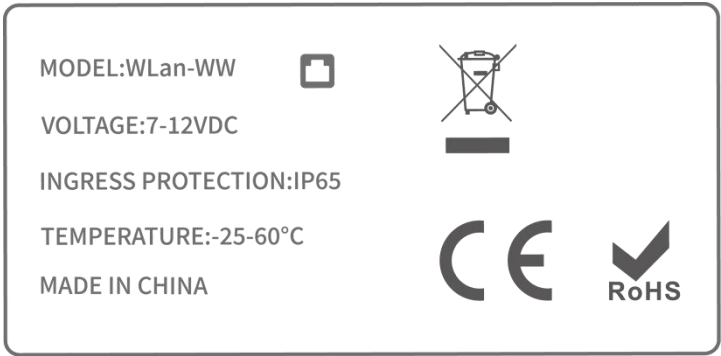
This screenshot is identical to the previous ones, but a red rectangular box highlights the 'Restart' button at the bottom left of the interface, positioned to the right of the 'Factory Setting' button.

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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