

User Manual

Smart WiFi 5.0

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

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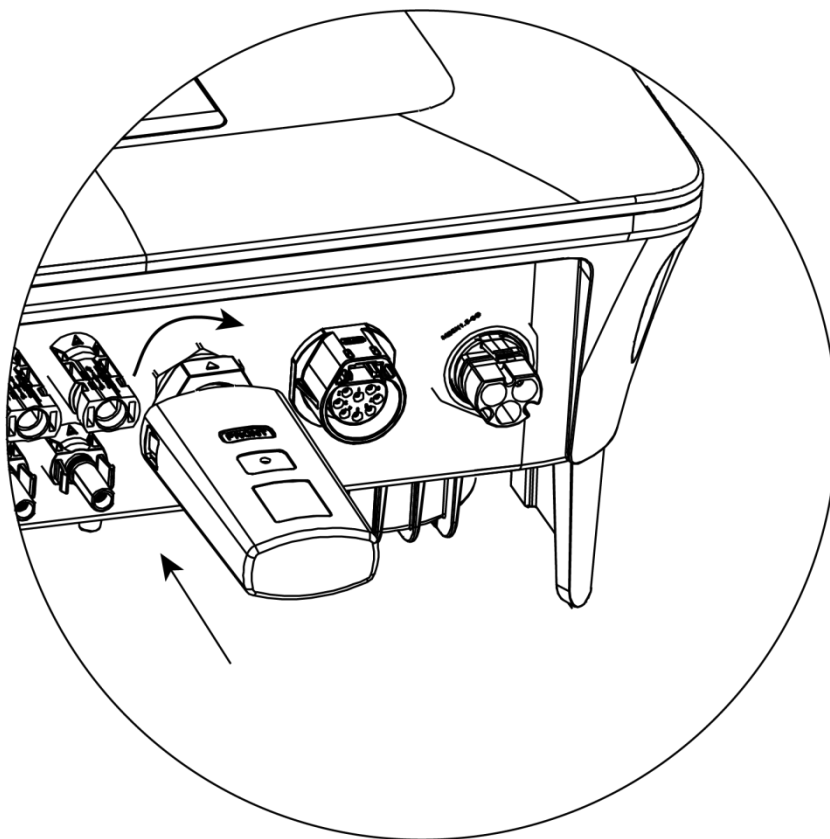
1. Installation

1.1 WIFI Connection

Rotate the nut at the top of the Smart WiFi to make sure the triangle logo is centered on the front.

Plug the Smart WiFi 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.

2. Key and Pilot lamp

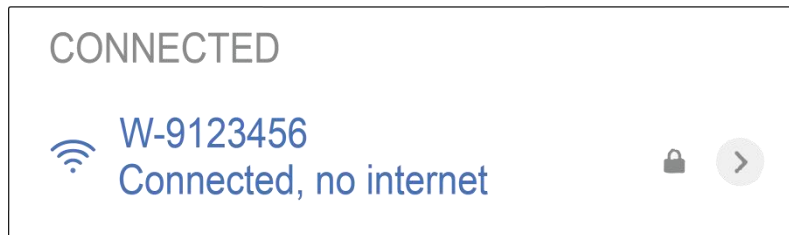


Red light	0.1s interval flash	Not connected to router
	0.5s interval flash	The IP has been acquired, but the handshake with the server was not successful.
	1s interval blinking	Handshake with the server was successful.
Green light	Flashing once	The collector receives a packet of inverter data

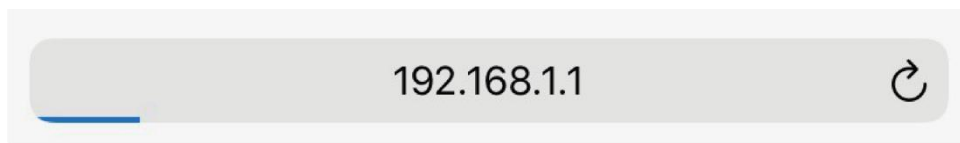
3. Web Configuration

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)

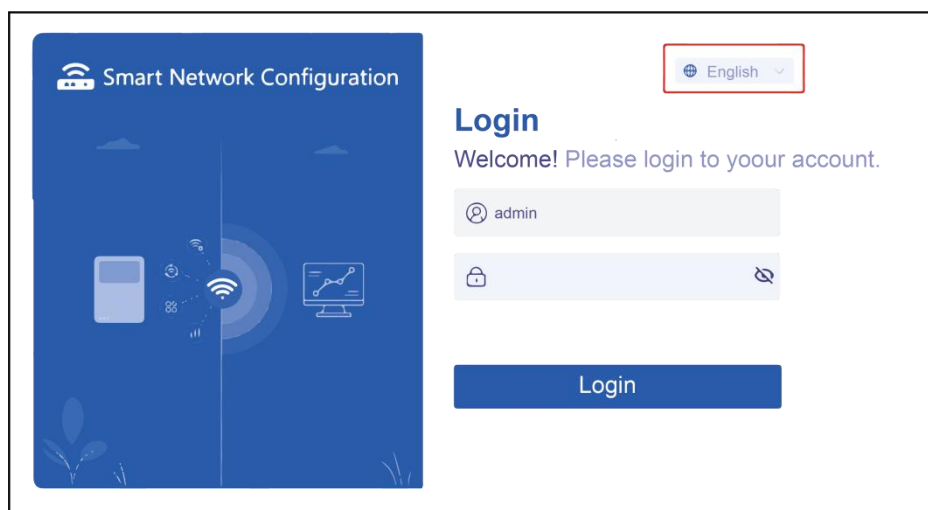


2) After connecting successfully. Open browser and enter 'http://192.168.1.1' on the address bar on top.



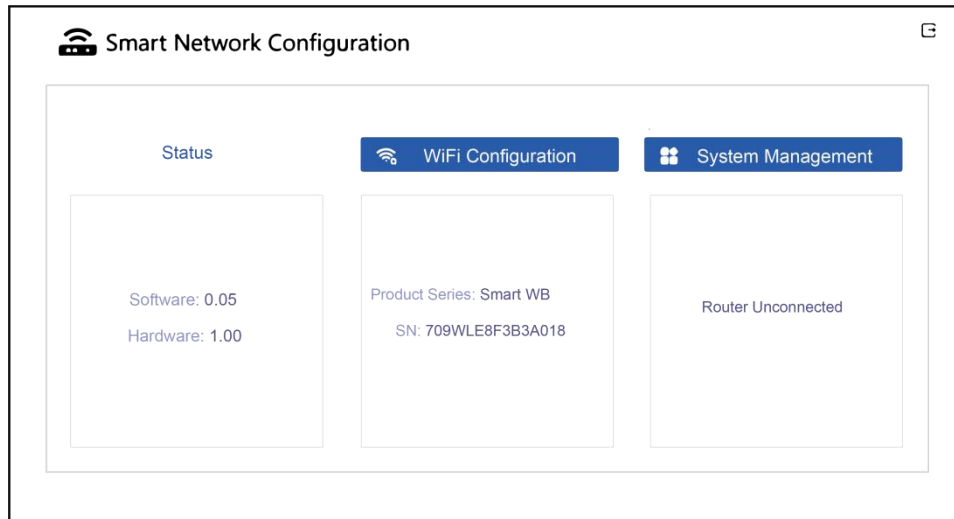
3) Correctly enter the password (Initial password: 12345678), click to log in!

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



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:

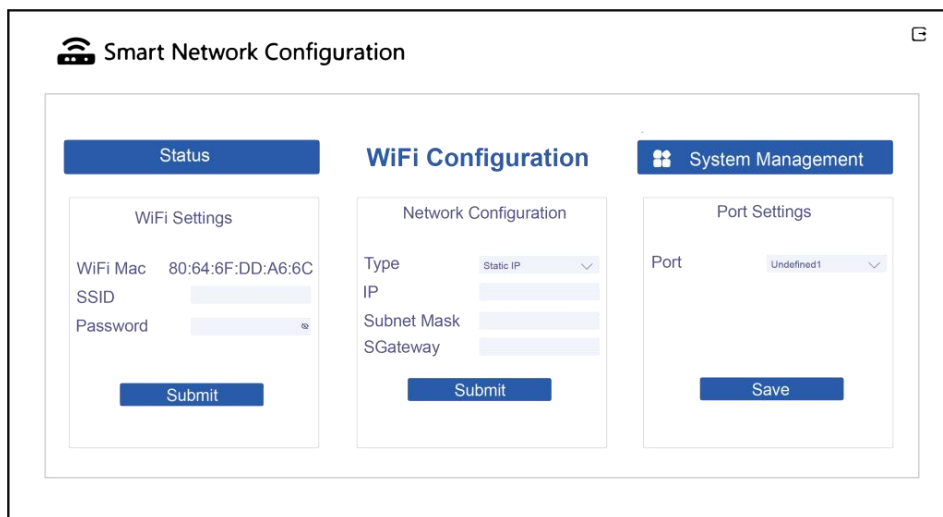


The screenshot shows the 'Smart Network Configuration' interface with the 'Status' tab selected. The interface displays three columns of information:

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. The interface displays three columns of configuration options:

Status	WiFi Configuration	System Management
WiFi Settings WiFi Mac: 80:64:6F:DD:A6:6C SSID: Password: Submit	Network Configuration Type: Static IP IP: Subnet Mask: SGateway: Submit	Port Settings Port: Undefined1 Save

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. The interface is divided into four main sections: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. Each section contains configuration fields and a 'Submit' or 'Save' button.

WiFi Settings	Network Configuration	Ethernet Configuration	Port Settings
WiFi Mac: 80:64:6F:DD:A7:AC	Type: Dynamic IP	Type: Dynamic IP	Port: Undefined1
Ethernet Ma: 80:64:6F:DD:A7:AF	IP: [input field]	IP: [input field]	
SSID: [input field]	Subnet Mask: [input field]	Subnet Mask: [input field]	
Password: [input field]	SGateway: [input field]	SGateway: [input field]	
[Submit]	[Submit]	[Save]	[Save]

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

The screenshot shows the 'Smart Network Configuration' interface with the 'Status' tab selected. The page displays system information in three columns: Software and Hardware versions, Product Series and SN, and a status message.

Status	WiFi Configuration	System Management
Software: 0.05 Hardware: 1.00	Product Series: Smart WB SN: 709WLE8F3B3A018	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 screenshot shows the 'Smart Network Configuration' interface. At the top, there are three tabs: 'Status', 'WiFi Configuration' (selected), and 'System Management'. Below the tabs, there are four configuration panels: 'WiFi Settings', 'Network Configuration', 'Ethernet Configuration', and 'Port Settings'. The 'Network Configuration' panel is highlighted with a red box around its 'Type' dropdown menu, which is currently set to 'Dynamic IP'. The 'WiFi Settings' panel shows fields for 'WiFi Mac' (80:64:6F:DD:A7:AC), 'Ethernet Ma' (80:64:6F:DD:A7:AF), 'SSID', and 'Password'. The 'Ethernet Configuration' panel shows fields for 'Type' (Dynamic IP), 'IP', 'Subnet Mask', and 'SGateway'. The 'Port Settings' panel shows a 'Port' dropdown menu set to 'Undefined1'. Each panel has a 'Submit' button at the bottom.

3.3.3 Port Settings

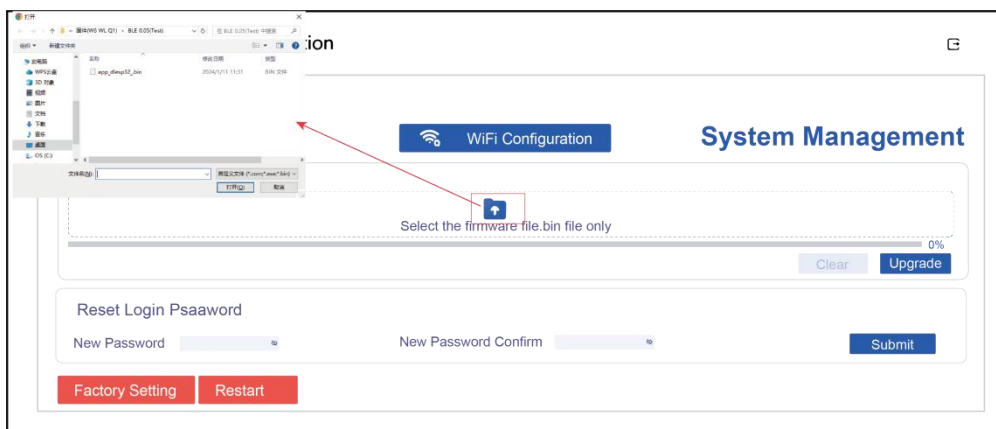
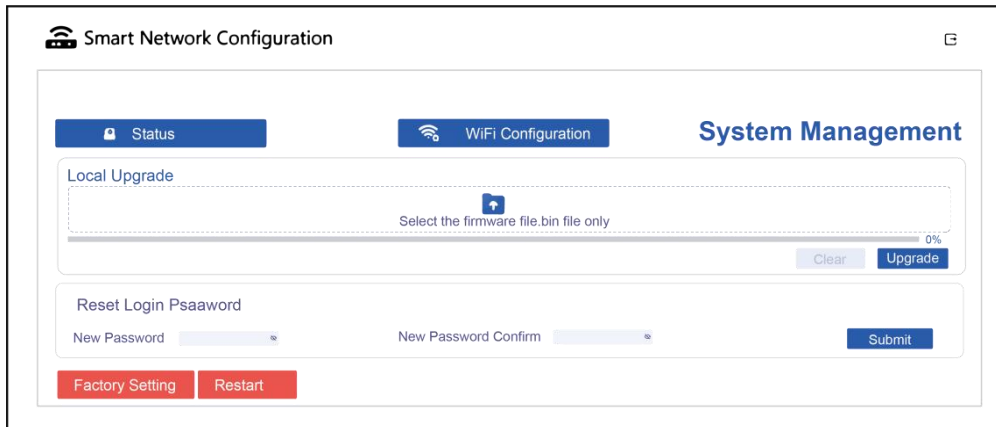
Select the appropriate port and click 'Save'.

The screenshot shows the 'Smart Network Configuration' interface with the 'Port Settings' panel highlighted. The 'Port' dropdown menu is open, showing a list of options: 'Undefined1', 'Undefined2', 'Undefined3', 'Undefined4', 'Undefined5', 'Undefined6', 'Undefined7', 'Undefined8', 'Undefined9', 'Undefined10', 'Undefined11', 'Undefined12', 'Undefined13', 'Undefined14', 'Undefined15', 'Undefined16', 'Undefined17', 'Undefined18', 'Undefined19', 'Undefined20', 'Undefined21', 'Undefined22', 'Undefined23', 'Undefined24', 'Undefined25', 'Undefined26', 'Undefined27', 'Undefined28', 'Undefined29', 'Undefined30', 'Undefined31', 'Undefined32', 'Undefined33', 'Undefined34', 'Undefined35', 'Undefined36', 'Undefined37', 'Undefined38', 'Undefined39', 'Undefined40', 'Undefined41', 'Undefined42', 'Undefined43', 'Undefined44', 'Undefined45', 'Undefined46', 'Undefined47', 'Undefined48', 'Undefined49', 'Undefined50', 'Undefined51', 'Undefined52', 'Undefined53', 'Undefined54', 'Undefined55', 'Undefined56', 'Undefined57', 'Undefined58', 'Undefined59', 'Undefined60', 'Undefined61', 'Undefined62', 'Undefined63', 'Undefined64', 'Undefined65', 'Undefined66', 'Undefined67', 'Undefined68', 'Undefined69', 'Undefined70', 'Undefined71', 'Undefined72', 'Undefined73', 'Undefined74', 'Undefined75', 'Undefined76', 'Undefined77', 'Undefined78', 'Undefined79', 'Undefined80', 'Undefined81', 'Undefined82', 'Undefined83', 'Undefined84', 'Undefined85', 'Undefined86', 'Undefined87', 'Undefined88', 'Undefined89', 'Undefined90', 'Undefined91', 'Undefined92', 'Undefined93', 'Undefined94', 'Undefined95', 'Undefined96', 'Undefined97', 'Undefined98', 'Undefined99', 'Undefined100'. The 'Undefined1' option is selected. The 'Submit' button is highlighted with a red box.

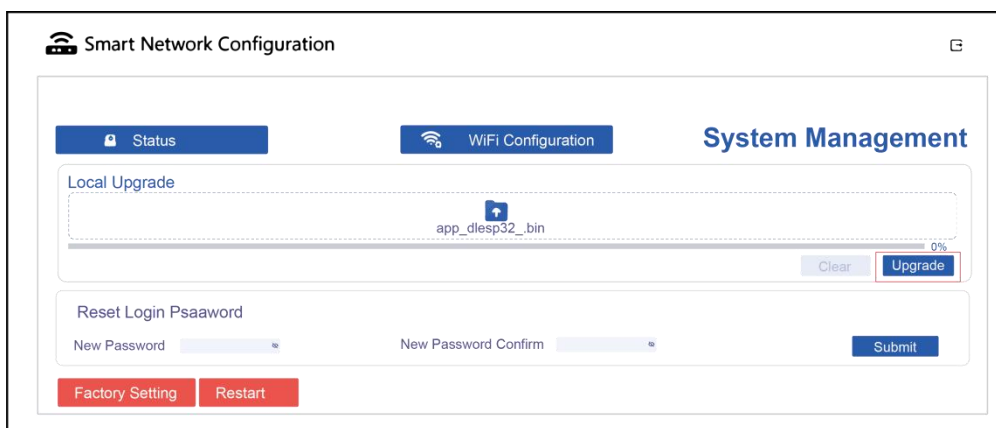
3.4 System setup

3.4.1 Local upgrade

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

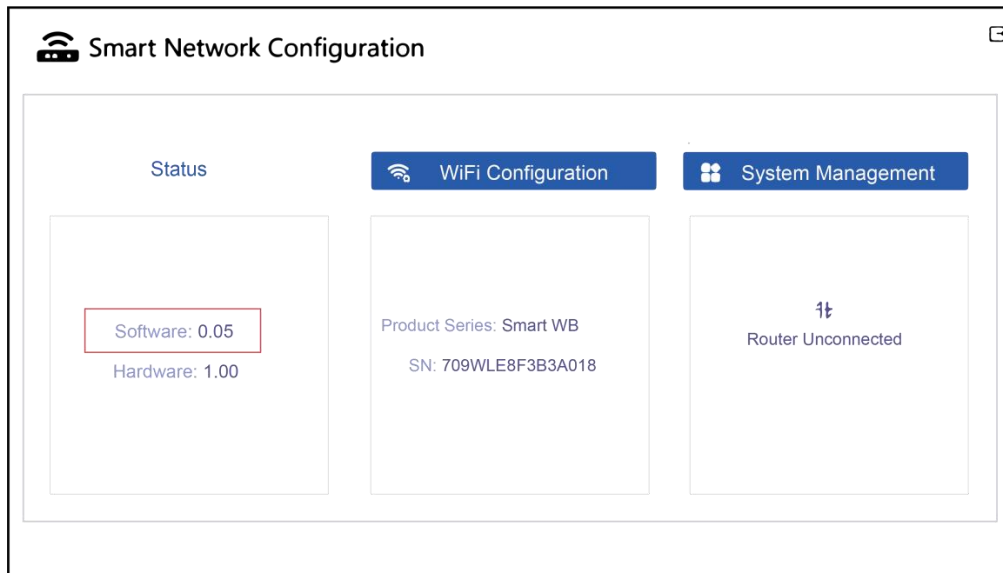


- 2) Click upgrade, wait for the progress bar to reach 100%, the upgrade is complete.



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

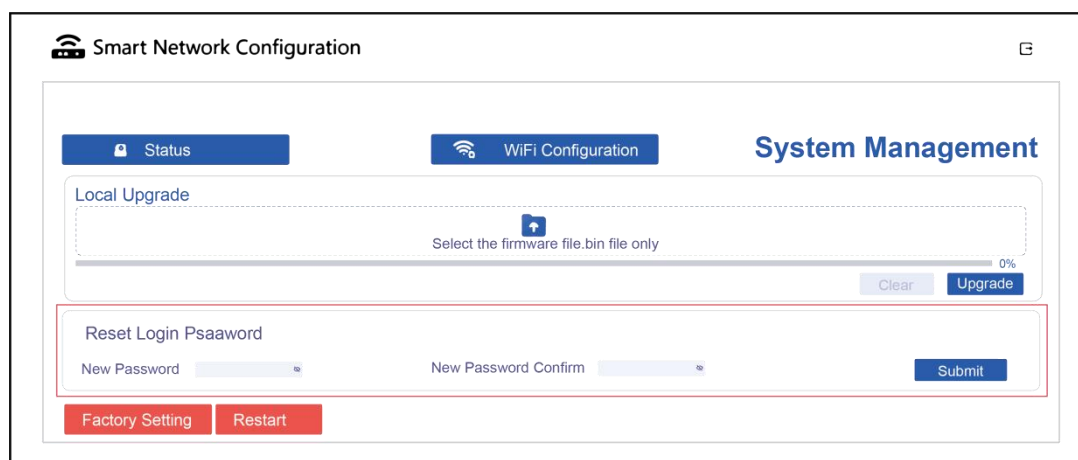
Note: After the upgrade is completed, you need to wait for WiFi to disconnect and reconnect to WiFi, and then you need to log in again.



3.4.2 Reset Login Password

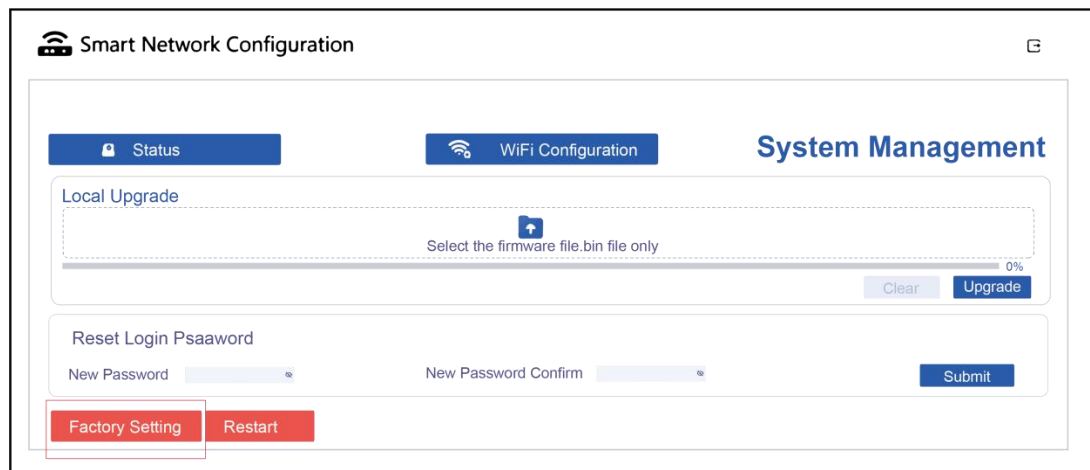
- 1) Enter "New Password" and "New Password Confirm" correctly in Reset Login Password.
- 2) Click 'OK' to change your login password.

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!



3.4.3 Factory Setting

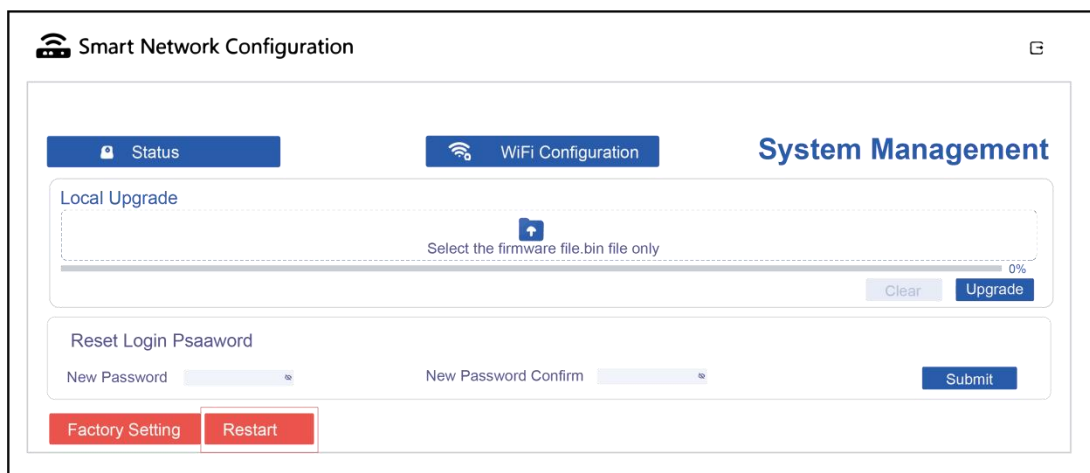
Click the "Factory Setting" button.



The screenshot shows the 'Smart Network Configuration' web interface. At the top, there's a header with a Wi-Fi icon and the title 'Smart Network Configuration'. Below this, there are two tabs: 'Status' and 'WiFi Configuration'. The main content area is titled 'System Management' and contains three sections. The first section is 'Local Upgrade', which has a file upload area with a dashed border and a small blue square icon with an upward arrow. Below the upload area, it says 'Select the firmware file.bin file only' and shows a progress bar at 0%. There are 'Clear' and 'Upgrade' buttons. The second section is 'Reset Login Psaaword', which has two input fields for 'New Password' and 'New Password Confirm', and a 'Submit' button. The third section contains two red buttons: 'Factory Setting' and 'Restart'. The 'Factory Setting' button is highlighted with a red border.

3.4.4 Restart

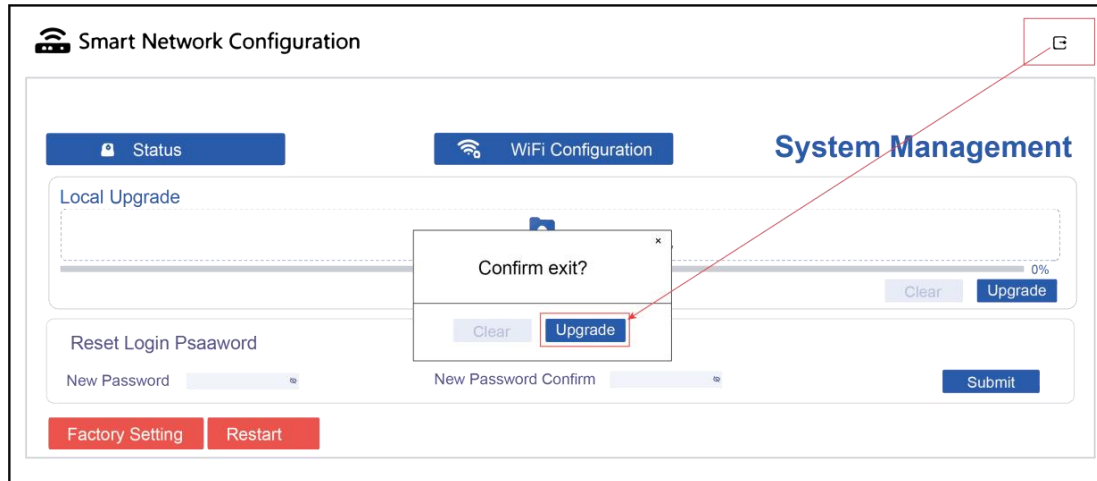
Click the "Restart" button.



This screenshot is identical to the one above, showing the 'Smart Network Configuration' web interface. In this instance, the 'Restart' button in the bottom section is highlighted with a red border, indicating it is the target for the next step.

3.5 Logging out

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



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FOXESS CO., LTD.

Add: No.939, Jinhai Third Road, New Airport Industry Area, Longwan District,
Wenzhou, Zhejiang, China

Tel: 0510- 68092998

Web: WWW.FOX-ESS.COM