

User Manual

Smart WiFi 5.0

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

Table of Contents

1. Installation	1
1.1 WIFI Connection	1
2. Key and Pilot lamp	2
3. Web Configuration	3
3.1 Login	3
3.2 Status	4
3.3 WiFi configuration	4
3.3.1 WiFi Setting	5
3.3.2 Network configuration	6
3.3.3 Port Settings	6
3.4 System setup	7
3.4.1 Local upgrade	7
3.4.2 Reset Login Password	8
3.4.3 Factory Setting	9
3.4.4 Restart	9
3.5 Logging out	10

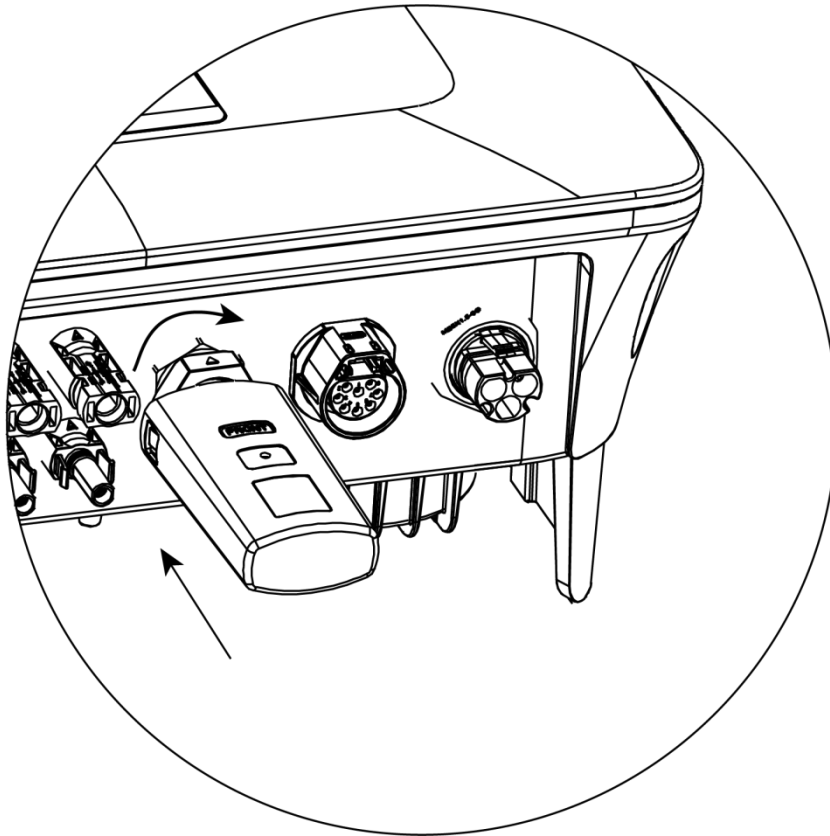
1. Installation

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

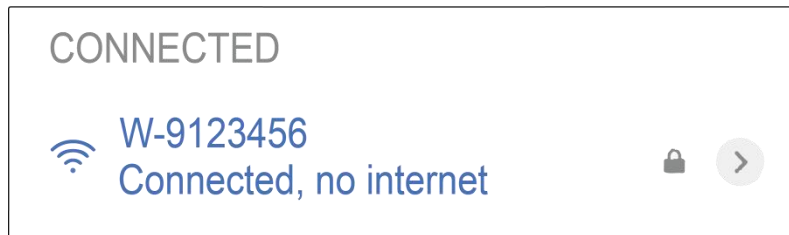


Red light	0.1s interval flash	Not connected to router
	0.5s interval flash	The IP has been acquired, but the handshake with the server was not successful.
	1s interval blinking	Handshake with the server was successful.
Green light	Flashing once	The collector receives a packet of inverter data

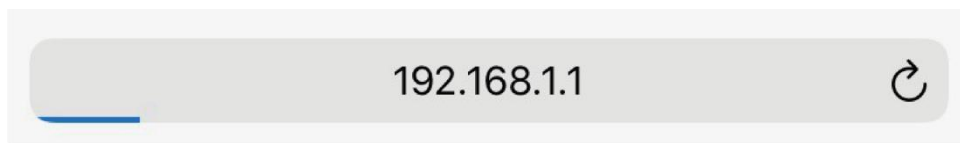
3. Web Configuration

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)

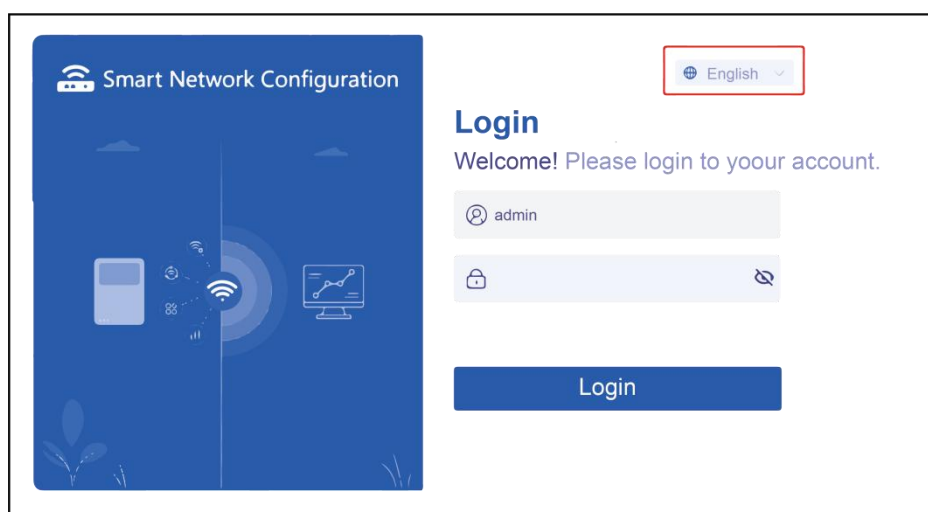


2) After connecting successfully. Open browser and enter 'http://192.168.1.1' on the address bar on top.



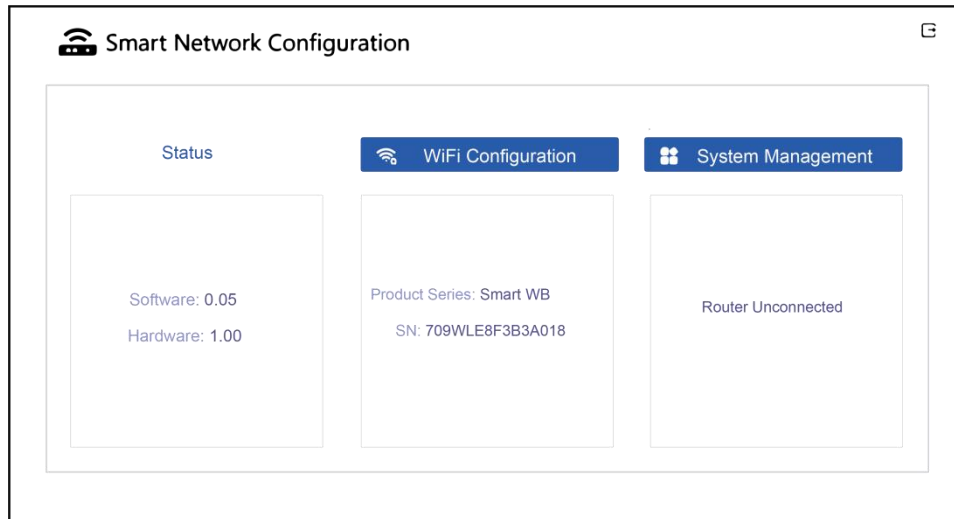
3) Correctly enter the password (Initial password: 12345678), click to log in!

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:

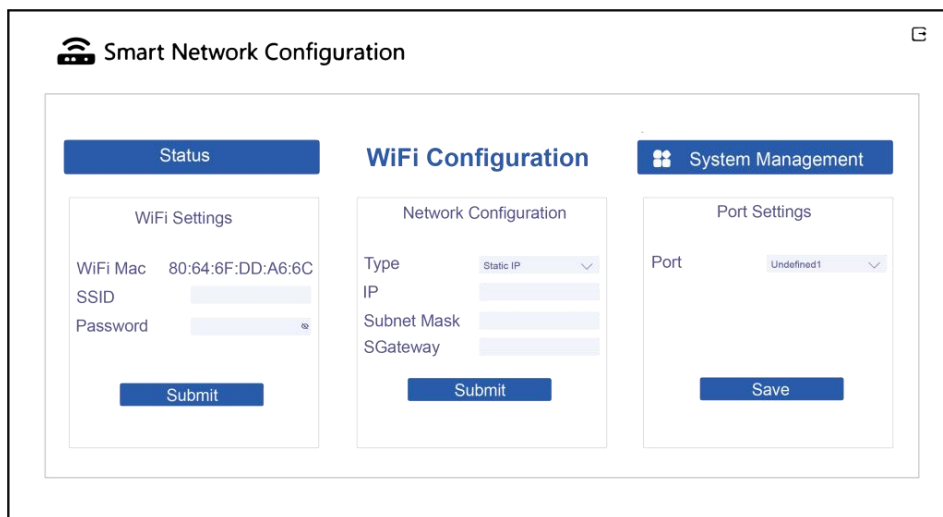


The screenshot shows the 'Smart Network Configuration' interface with the 'Status' tab selected. The interface displays three columns of information:

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:

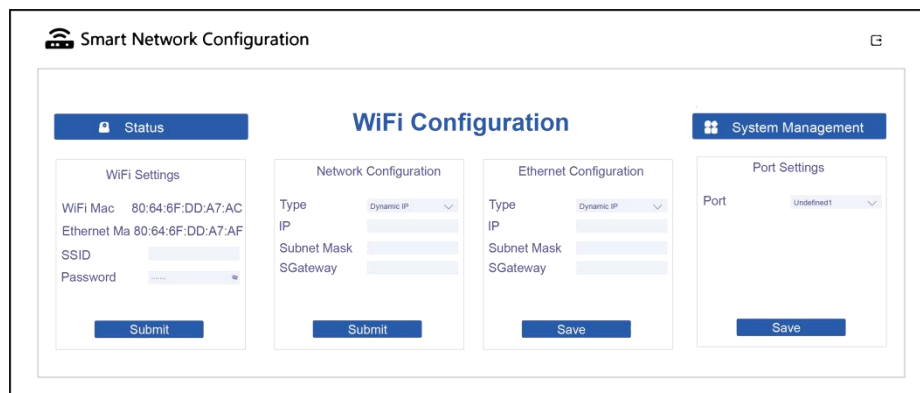
Status	WiFi Configuration	System Management
WiFi Settings WiFi Mac: 80:64:6F:DD:A6:6C SSID: <input type="text"/> Password: <input type="password"/> <input type="button" value="Submit"/>	Network Configuration Type: <input type="text" value="Static IP"/> IP: <input type="text"/> Subnet Mask: <input type="text"/> SGateway: <input type="text"/> <input type="button" value="Submit"/>	Port Settings Port: <input type="text" value="Undefined1"/> <input type="button" value="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'.

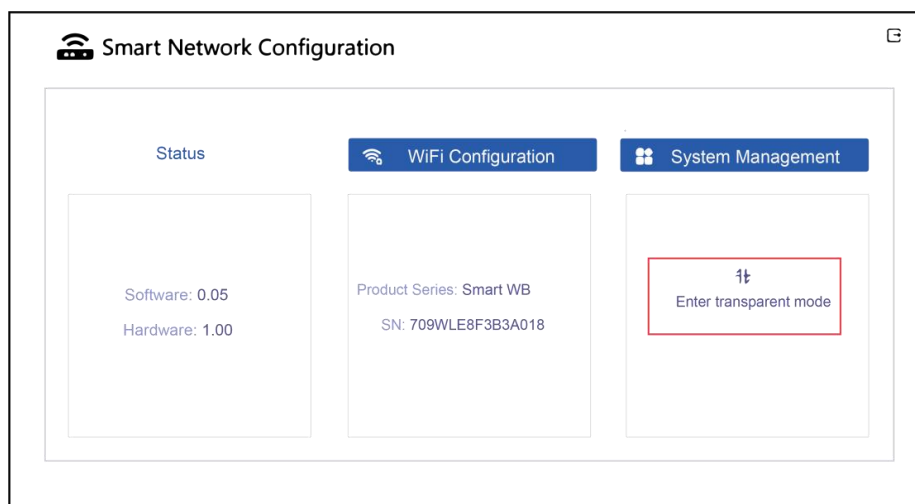
Tip: The collector collects the user's WIFI account password, which is only used for the collector to connect to the router, so that the collector has the function of accessing the Internet.



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 interface 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

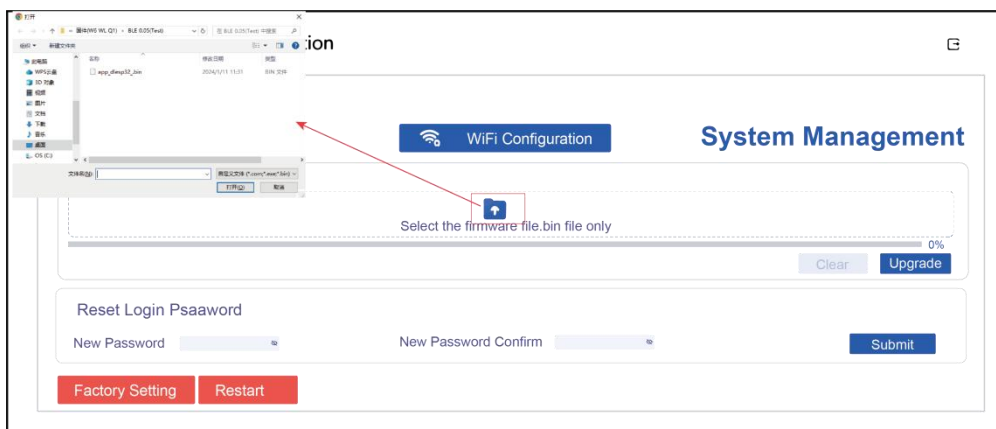
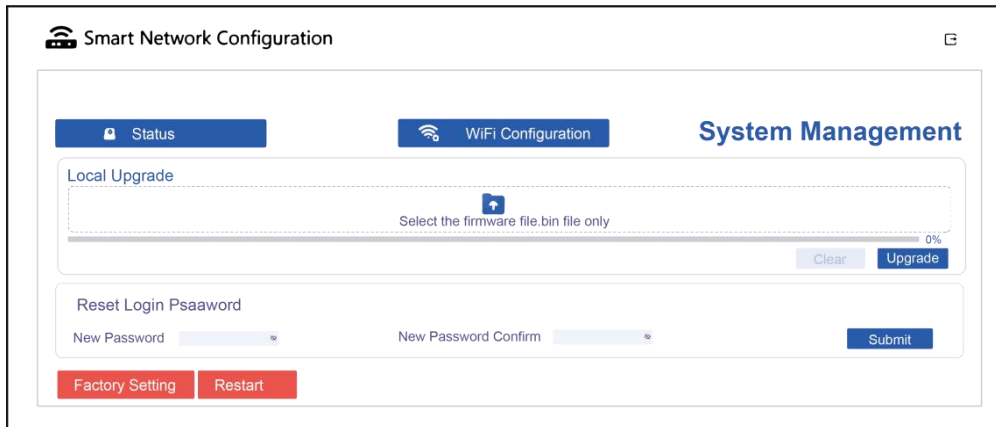
Select the appropriate port and click 'Save'.

The screenshot shows the 'Smart Network Configuration' interface, similar to the previous one, but 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.

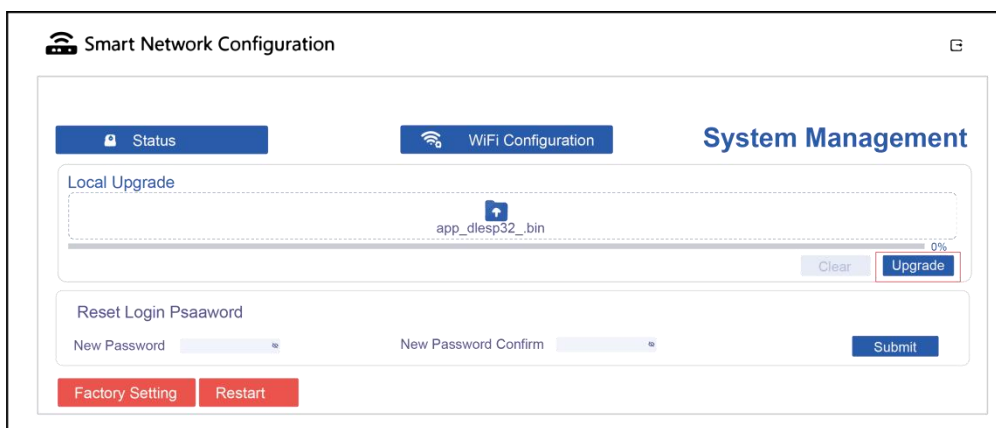
3.4 System setup

3.4.1 Local upgrade

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

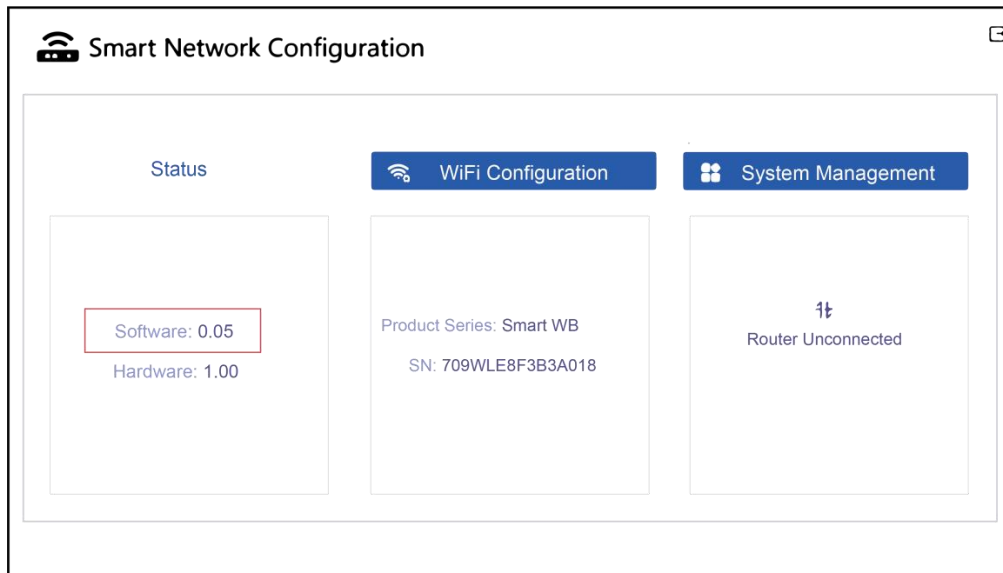


- 2) Click upgrade, wait for the progress bar to reach 100%, the upgrade is complete.



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

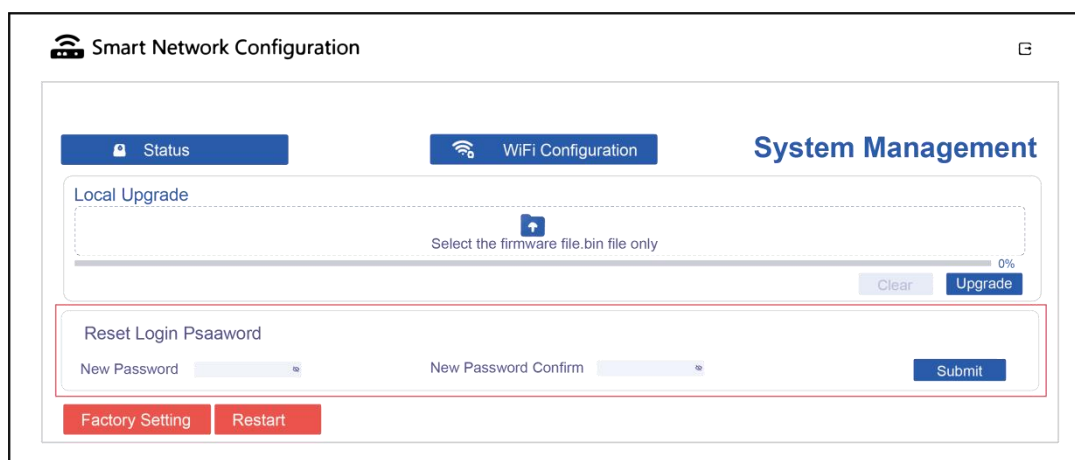
Note: After the upgrade is completed, you need to wait for WiFi to disconnect and reconnect to WiFi, and then you need to log in again.



3.4.2 Reset Login Password

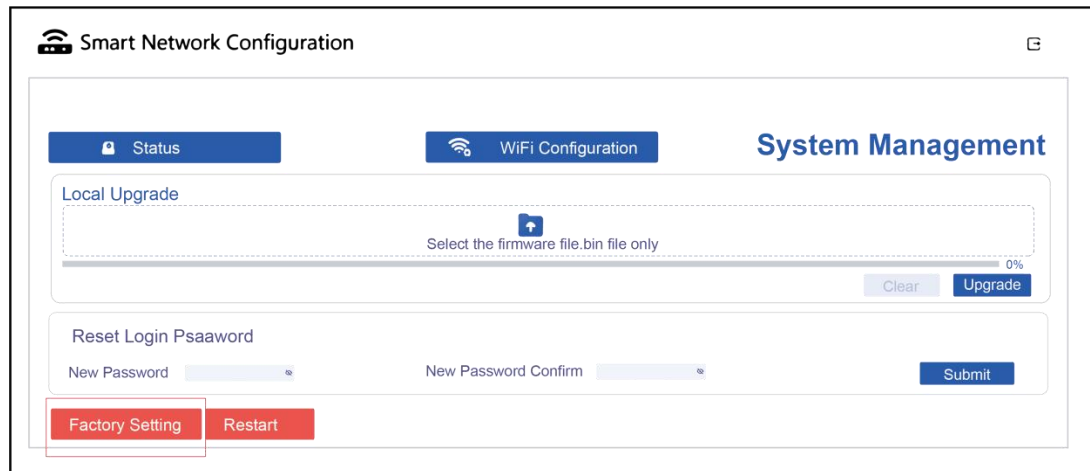
- 1) Enter "New Password" and "New Password Confirm" correctly in Reset Login Password.
- 2) Click 'OK' to change your login password.

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

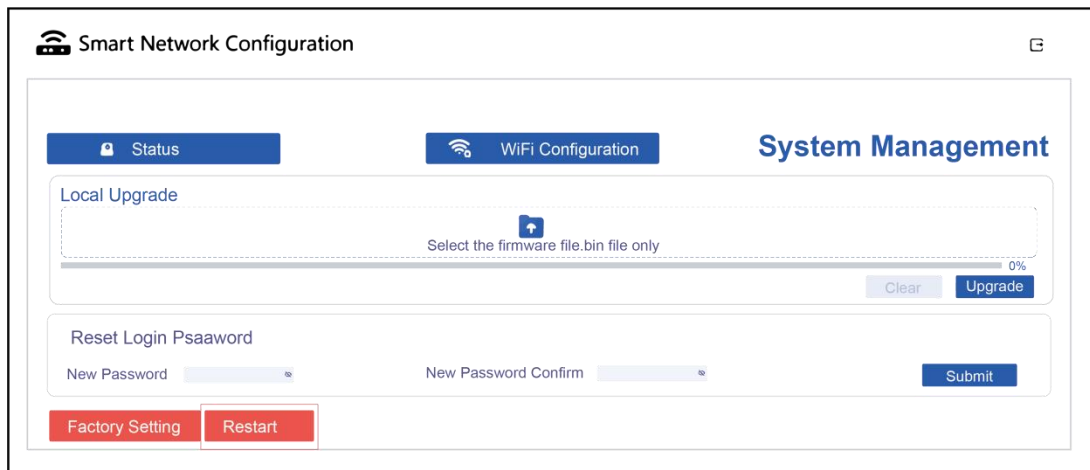
Click the "Factory Setting" button.



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 the header, there are three tabs: 'Status', 'WiFi Configuration', and 'System Management'. The 'System Management' tab is active. Under this tab, there are three main sections: 'Local Upgrade', 'Reset Login Password', and a row of two buttons at the bottom. The 'Local Upgrade' section has a dashed box for file selection, a 'Select the firmware file.bin file only' instruction, a progress bar at 0%, and 'Clear' and 'Upgrade' buttons. The 'Reset Login Password' section has two password input fields labeled 'New Password' and 'New Password Confirm', and a 'Submit' button. The bottom row contains two red buttons: 'Factory Setting' and 'Restart'. The 'Factory Setting' button is highlighted with a red box.


3.4.4 Restart

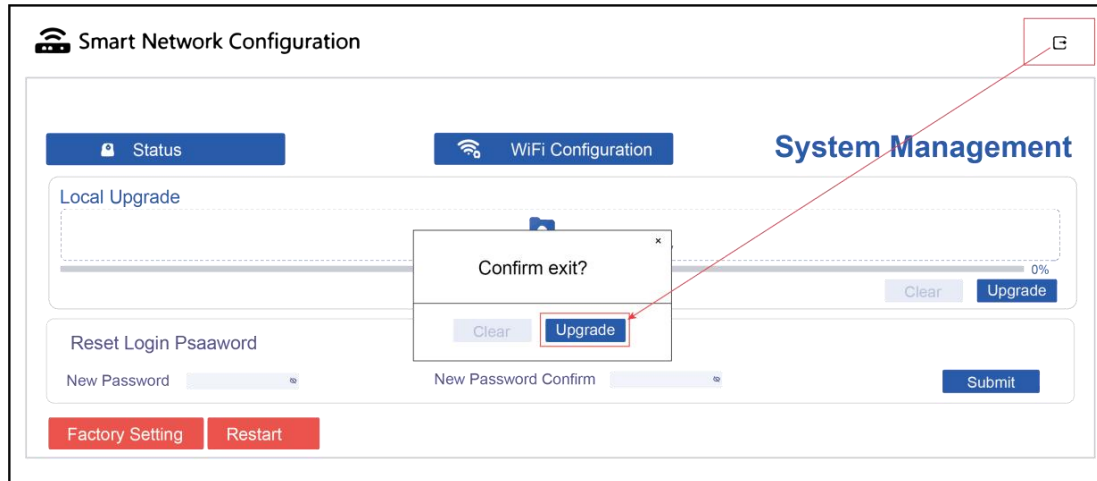
Click the "Restart" button.



This screenshot is identical to the one above, showing the 'Smart Network Configuration' web interface with the 'System Management' tab active. In this instance, the 'Restart' button in the bottom row is highlighted with a red box.

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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