



## CONNECTING SMA INVERTERS WITH WIFI TO A LOCAL WIRELESS NETWORK

This instruction describes how to connect your SMA inverter with built-in Wi-Fi to a local wireless network using the Web User Interface (WebUI). This instruction is designed for either a PV system owner or an Installer.

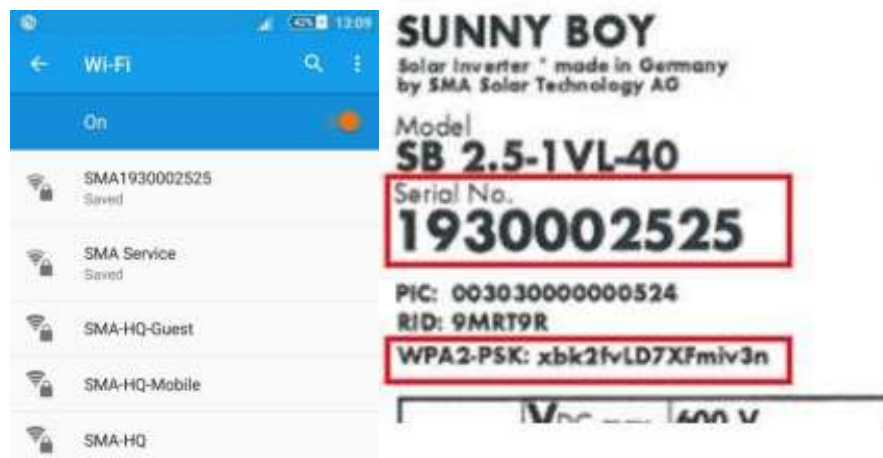
To connect the inverter to a local wireless network you will need:

- A wireless enabled smart device (Smartphone, Tablet, Laptop, etc.). Turn off mobile data if working from a mobile phone.
- The network name (SSID) and network password.
- The inverter's WPA2-PSK password.

To connect the inverter to a local Wireless network, you first need to connect to the inverter's WebUI.

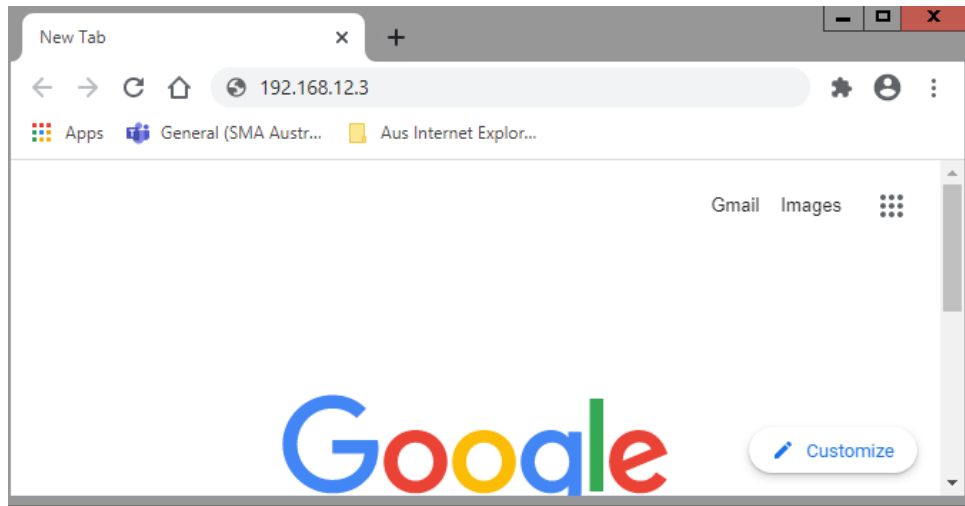
1. Refer to your Smart device Wi-Fi settings and connect your device to the inverter's WLAN by selecting SMAXXXXX (XXXX stands for your inverter serial number) from the list of available networks.

You will need to use the device specific WPA2-PSK password which can be found on the type label on the right hand side of the inverter.





2. Open a new web browser window and enter the IP address 192.168.12.3 in the browser's address bar as shown below:.



3. If a security message should display when viewing IP address 192.168.12.3, select Advanced or Show Details at the bottom of the message to continue on to the website.





4. Login as an Installer using the password set during commissioning. If a user password was not set during commissioning, you will be asked to set one during this step. If you do not know the Installer password, contact the original installer who may have set it or contact SMA Service for a PUK.

Language: English

User group: Installer

Password: [Empty]

Forgot password? Login

5. Press “Configuration with installation assistant” if shown the below screen after logon and skip to Step 7. If the below screen is not shown, continue to step 6.

Configure the device

Sunny Boy 2.5

Device name: these are mockup values

Serial number: 1930000145

Firmware version: 0.0.1.N

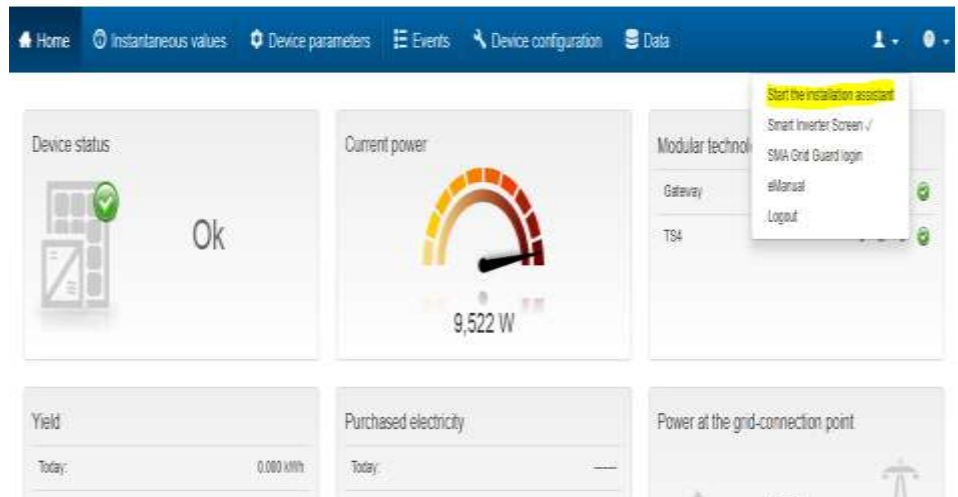
Select a configuration option:

- Adapt the configuration from a file
- Configuration with installation assistant
- Manual configuration

Do not show this dialog again. Skip configuration

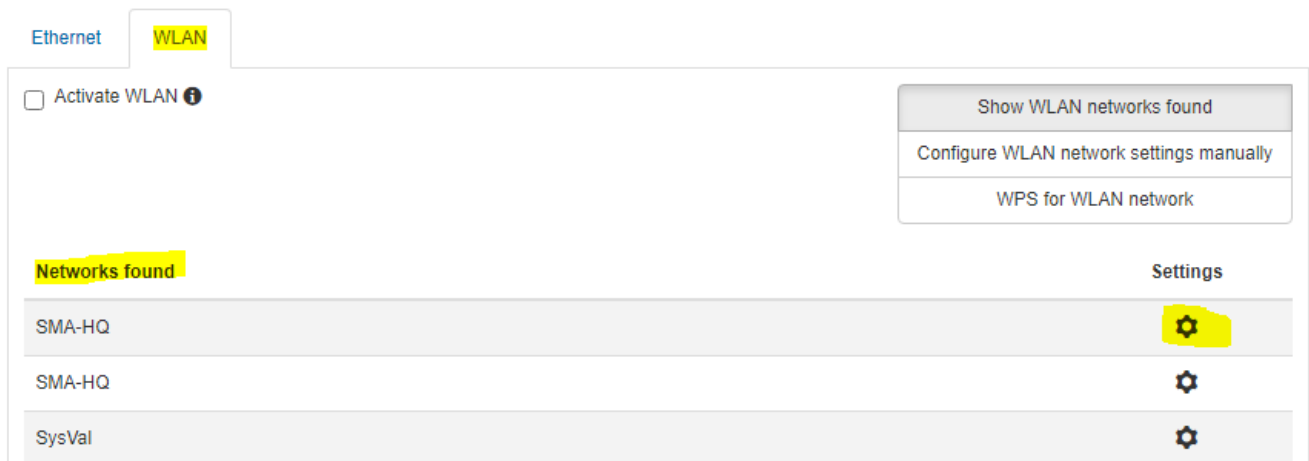


6. In the Dashboard page, select the icon in the shape of a torso on the top-right corner then click on "Start the installation assistant".



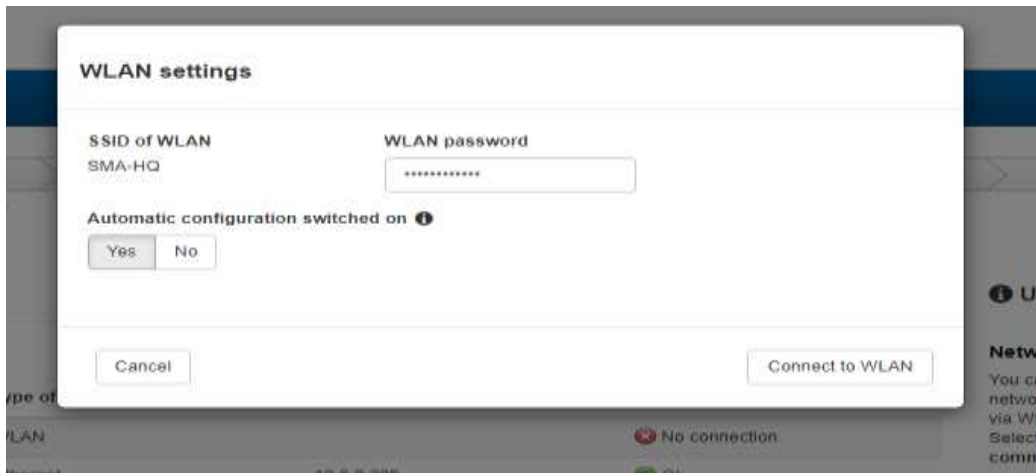
7. Select the WLAN tab at the "Type of communication" category and from the list of networks found, select the network you would like to join by clicking on the settings icons that corresponds to the network name you have selected.

### Type of communication





8. Type in your Wi-Fi network’s password into the WLAN password box. Select “Yes” for “Automatic configuration switched on” then click on “Connect to WLAN” to continue.



9. Refer to “Network Configuration” for the status of your connection. “Press Save and next” at the bottom of the page to Save. This completes the connection process and you may disconnect from the inverter at this time.

1 Network configuration | 2 Time and date | 3 Country standard | 4 Meter configuration | 5 Grid management service | 6 S0 interface

### Network configuration

Networks configured

Network name	Type of communication	IP address of the device	Status
WLAN SSID Sec	WLAN		No connection
	Ethernet	10.6.8.208	OK

Type of communication

Ethernet | WLAN