



CONNECTING SMA INVERTERS WITH WIFI TO A LOCAL WIRELESS NETWORK

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

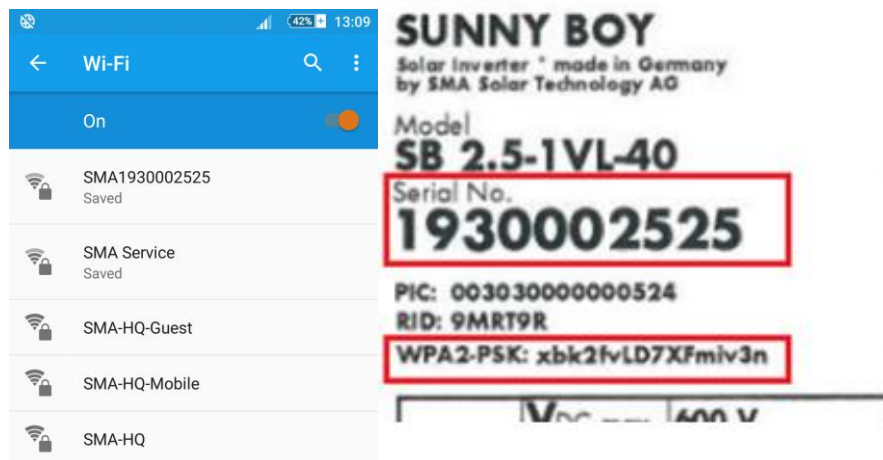
To connect the inverter to a local wireless network you will need:

- A wireless enabled smart device (Smartphone, Tablet, Laptop, etc.) with a web browser for connecting to the inverter's Web User Interface (WebUI).

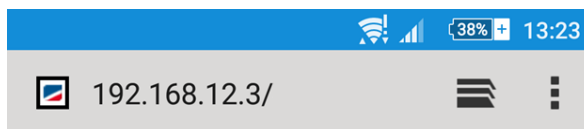
To connect the inverter to a local Wireless network, you first need to connect to the inverter's WebUI.

1. Connect your Smart device to the inverter's WLAN.

If the inverter has been operating for more than 10 hours, or has completed commissioning, you will need to use the device specific WPA2-PSK password which can be found on the type label on the side of the inverter. If you are using an Android (or non - iOS device), you can also connect via WPS.



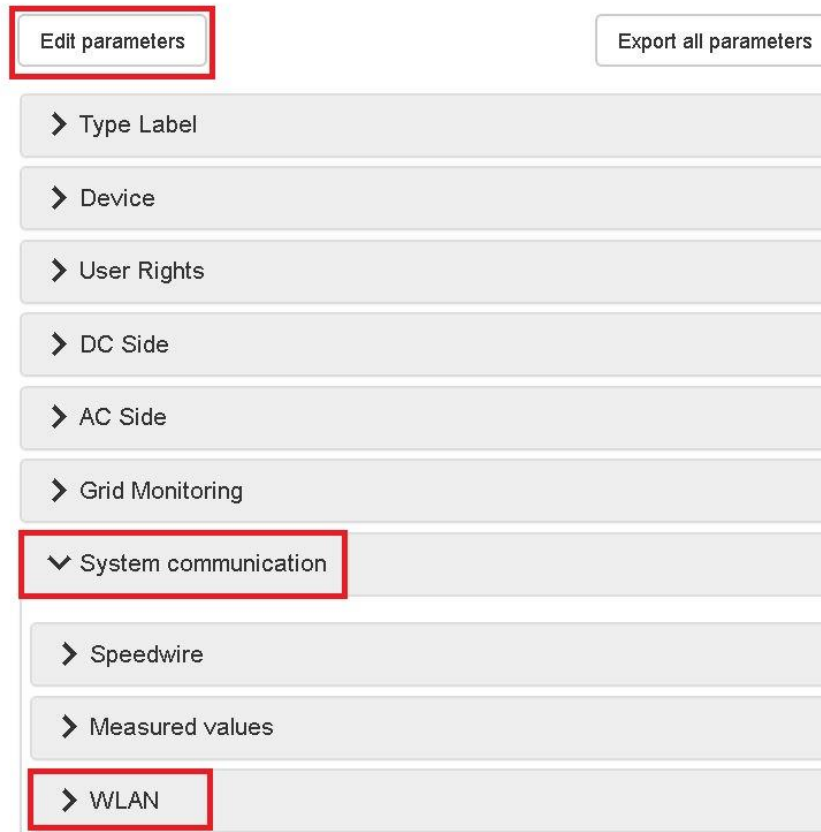
2. Open a web browser and enter the IP address 192.168.12.3 in the browser's address bar as shown below:



3. Log onto the inverter as a **User** 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 user password, contact the original installer who may have set it or SMA Service for a PUK.



- Once logged in to the WebUI as an user navigate to **Device Parameters** from the top menu, select **Edit Parameters** near the top and then scroll down to **System communication > WLAN**.





- In the **WLAN** sub menu you will see a list of available networks to connect to.
In the **Security > SSID** section, type the name of the network you will connect to exactly as it appears in the lower section.
Select the appropriate **Encryption** of that network.
For protected wireless networks, type the password into the **Password** field (*take care as the password may be case sensitive*)

Security

SSID SMA-HQ

Password

Encryption WPA2

- Navigate to the top of the screen and click **Save all**. The inverter will now be connected to your local wireless network

Discard all **Save all** Export all parameters

Unsaved changes (2)

Parameter name	New value
System communication - WLAN - Security - Password
System communication - WLAN - Security - SSID	SMA-HQ