

Access to the Inverter via the User Interface

This article describes the way to login into the user interface of the most SMA inverters.

🕒 **Aug 16, 2023 - Knowledge**

Description

This article provides information to access the User Interface of your inverter. Accessing the User Interface may be required when attempting to connect the inverter to the local network, monitor its performance, or adjust device parameters.

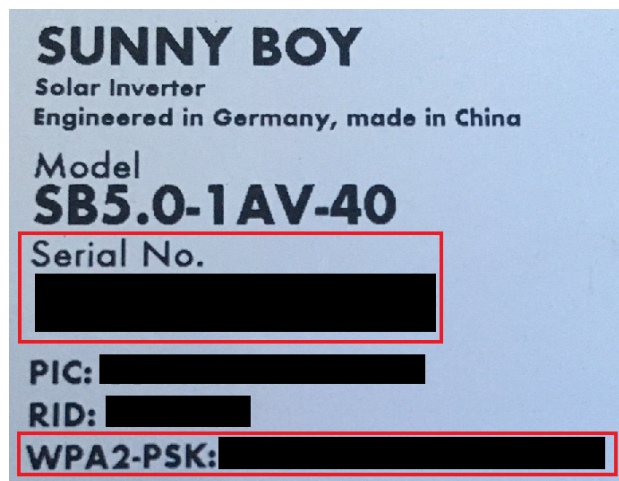
Requirements

To access the User Interface of the inverter, you will need:

- An SMA inverter which supports the WebUI feature.
- A smart device (Smartphone, Tablet, Laptop, etc.) with a web browser for connecting to the inverter's WebUI.
 - If connecting via WiFi, your device must have a WiFi interface.
 - If connecting via an Ethernet cable, your device must have an Ethernet interface.

Instructions

1. Connect your smart device to the inverter directly via WiFi, via Ethernet, or through the customer's network (if already connected).
 - a. If connecting directly to the inverter via WiFi,
 - i. Search for the WiFi of the inverter. The name will follow the format **SMA[serial number]**.
 - ii. During commissioning, depending on the current firmware and model, use '**SMA12345**' or the device specific **WPA2-PSK password** which can be found on the type label on the side of the inverter.
 - iii. If the inverter has been operating for more than 10 hours, or has completed the commissioning, you will need to use the device specific WPA2-PSK password of the device.



2. Open a web browser and enter the below IP address in the address bar.
 - a. For direct connections via WiFi, enter the IP address **192.168.12.3**.
 - b. For direct connections via Ethernet, enter the IP address **169.254.12.3**.
 - c. For connections via the customer's network, enter the inverter's IP address allocated by the router.
3. Log onto the inverter as an **Installer** (or User) using the installer (user) password set during commissioning. If you do not know the password, please see the article [PUK 2.0 Password and Product Key Forgotten \(/s/article/PUK-2-0-Password-and-Product-Key-Forgotten\)](#) or if necessary [Generate PUK 2.0 Product Key for SMA Devices \(/s/article/Generate-PUK-2-0-Product-Key-for-SMA-Devices\)](#).

Note: Please see the **operating manual of your SMA device** (https://my.sma-service.com/s/global-search/Manuals?language=en_US) for more detailed information and instructions.

If necessary, note the article: [The inverter's IP-address deviates from the standard IP-address \(/s/article/The-inverter-s-IP-address-deviates-from-the-standard-IP-address\)](/s/article/The-inverter-s-IP-address-deviates-from-the-standard-IP-address).

Make sure to check out our Tech Tip on "Establishing a connection to the inverter's interface via WiFi or Ethernet"

Tech Tip: Establishing a connection to the inverter's interface...



Disclaimer

The information provided in this article of the SMA Online Service Center (OSC) are intended for photovoltaic professionals, electrical installers and system operators.

SMA Solar Technology AG accepts no liability for the content or accuracy of the information provided in the OSC. SMA Online Service Center Terms and Conditions apply accordingly.

All work on the inverter and the cabling of the photovoltaic array must be carried out by electrically qualified persons.

Activities marked with the warning: "DANGER!" in SMA publications of any kind, may only be performed by electrically qualified persons. Electrically qualified persons means a person who is trained to handle electrical installations and are familiar with the risks involved; they are aware of the standards, directives and laws applicable in the installation country.

In Germany, DIN VDE 1000-10 applies. For all other countries worldwide, the statutory laws and regulations, industry standards, directives regarding qualification, education, experience, duty and safety for electrically skilled persons should apply. The regulations of DIN VDE 1000-10 may be a guidance reference for countries worldwide.

Electrically qualified persons must have at minimum the following qualifications:

- Knowledge of how an inverter works and is operated,
- (Knowledge of how batteries work and are operated),
- Training in how to deal with the dangers and risks associated with installing, repairing and using electrical devices, (batteries) and installations,
- Training in the installation and commissioning of electrical devices and installations,
- Knowledge of all applicable laws, standards and directives in the installation country,
- Knowledge of and compliance with the operating and installation manual of the respective inverter with all safety information.

Always follow the IMPORTANT SAFETY INSTRUCTIONS and WARNINGS provided with the SMA product owned.



[\(0\) \(/s/relatedlist/ka067000000EM6zAAG/AttachedContentDocuments\)](#)