

Quick Installation Guide

Suntrol[®] STL 800

For questions and more detailed information, please read the manual.



1. Registration at the Suntrol portal

Registration

www.suntrol-portal.com → Registration
Email → Select link → Login

Enter a new system

www.suntrol-portal.com → Login
→ My systems → Enter new system



Figure 1:
View of your
system in the
Suntrol portal

2. Installation

The STL 800 meets the requirements of protection degree **IP20** and is only suitable for **installation in dry, dust-free interior spaces**.

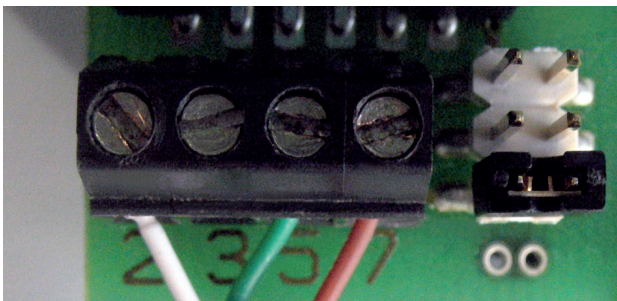


Figure 2: Connections at the SMA-RS485-PiggyBack

Never open the housing of the inverter when there is voltage present.
Always consult the information in the SMA manual for safety instructions or when in doubt.

a. Connection to SMA inverters

Other manufacturers

b. Power connection (12 V)

Always use the supplied power supply.

c. PC/network connection

Direct cable connection

(Important: a crossover network cable is required.)

Connection to a network router

(A standard Ethernet cable is required.)

Connection via grid (power line) or GSM

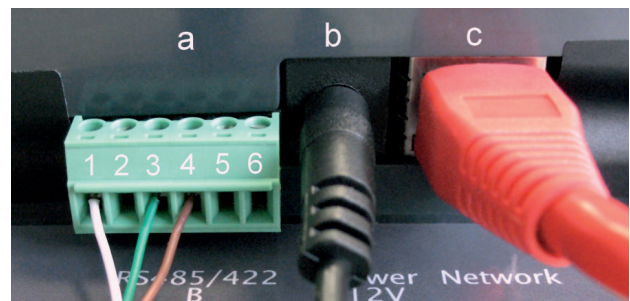


Figure 3: Connections on the STL 800

a: RS485/422 (inverter input)

b: Power input (12 V)

c: Network plug



Quick Installation Guide

Configuration of the STL 800

Touching the screen opens the main menu.

Start

Initial configuration

→ Config. → Start → Initial config.

Please check the date. When connecting to a DHCP router, select “Automatically assign IP”, otherwise enter an IP address manually (contact network administrator if necessary).

Note down IP address.

The “Next” button takes you to the following dialogs, where you can select the interface (Bluetooth or RS485-A) and the inverter manufacturer.

Configuring the inverter

Select “Continue to inverter detection” (or → Config. → Start → Inverter detection) and start the inverter detection.

Basis

Configuring the inverter

→ Config. → Basis → Inverter

Select all inverters in order in the dialog 1/5 and enter the according generator output under 2/5.

Important: Generator output is the module output at the inverter, i.e., not the total output in case of several inverters.

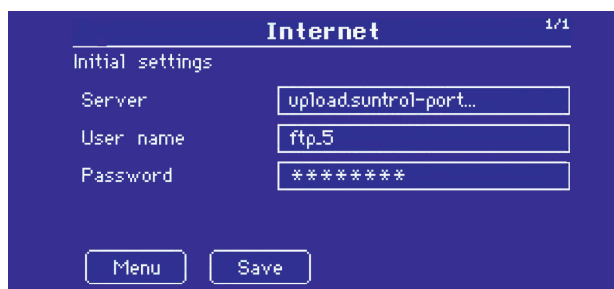
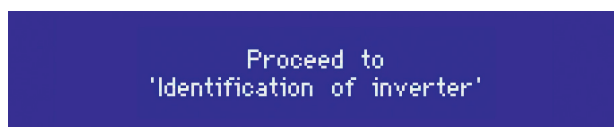
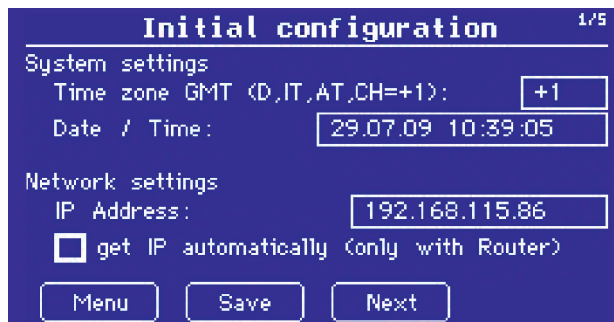
Internet

Basic settings

Enter the information noted under point “1” as the user name and password.

Homepage

The dialog 5/5 now lets you perform a test transmission.



We turn sunlight into power.