

Quick Installation Guide

Suntrol[®] STL 200/400

For questions and more comprehensive 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 200/400 meets the requirements of protection degree **IP20** and is only suitable for **installation in dry, dust-free interior spaces**.

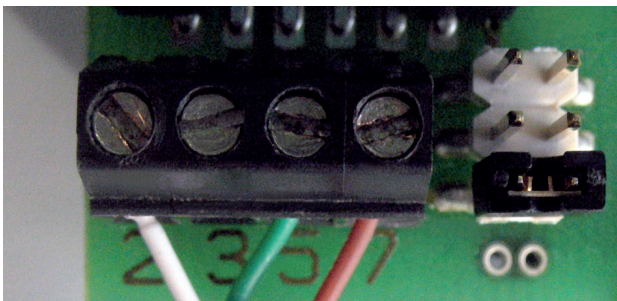


Figure 2: Connections at the SMA-RS485-PiggyBack

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

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

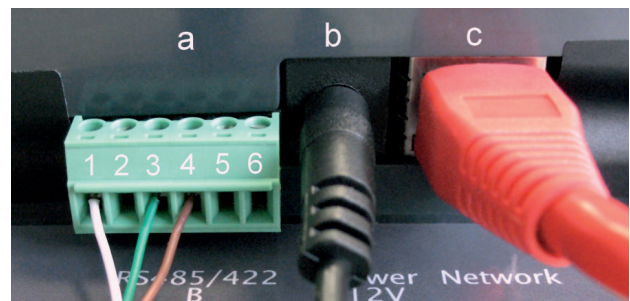


Figure 3: Connections on the STL 200/400

a: RS485/422 (inverter input)

b: Power input (12 V)

c: Network plug



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Configuration of the STL 200/400

Checking the date

```
>System
Network ↓ → Language ↑
Date/Time ↓
```

Assign IP address

```
System ↑
Network ↓ → Automatic ↓
Manually ↑
```

Note down IP address!

IP is configured **automatically** by DHCP routers (search may take up to 60 seconds). Otherwise, assign an IP address **manually** (contact network administrator if necessary).

Configuring the inverter

```
>Bluetooth
RS485/422 ↓ → Bluetooth ↑
RS485/422 ↓ → 50 counter ↑
Detection ↑
```

Select **interface** (Bluetooth or RS485/422) and **inverter manufacturer** (e.g., SMA) and start inverter detection afterwards.

Configuring the Internet connection

Required to transfer the data to www.suntrol-portal.com.

```
Inverter ↑
Internet ↓ → Data export ↑
Server ↓ → Server upload.suntrol-P → The server name has already been entered.

Server ↑ → Username ftp_5
Username ↓ → Password abc12345AB → Enter the password and user name noted under point "1".
Password ↑ → Start test?
Connection test ↓ → Yes ↓ → Afterwards, perform a connection test.
```



We turn sunlight into power.