# Quick Installation Guide

## Suntrol® STL 800

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

## 1. Registration at the Suntrol portal

**Registration**
**suntrol-portal.com** > Registration
Email > Select link > Login

**Enter a new system**
**suntrol-portal.com** > Login >
My systems > Enter new system

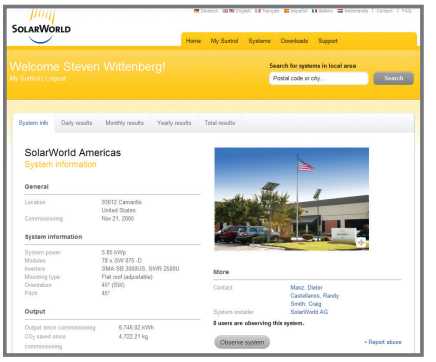


**Figure 1**: View of your system in the Suntrol portal.

## 2. Installation

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

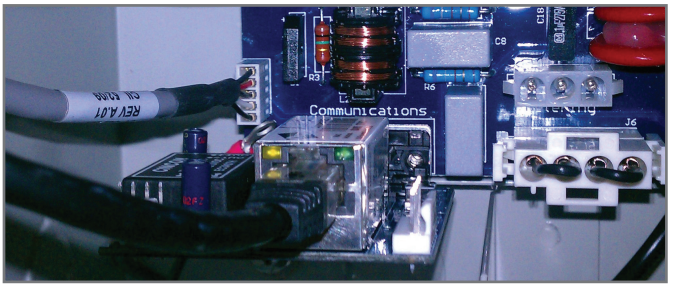


**Figure 2**: Connection to the PVP 1010 network card with standard ethernet cord.

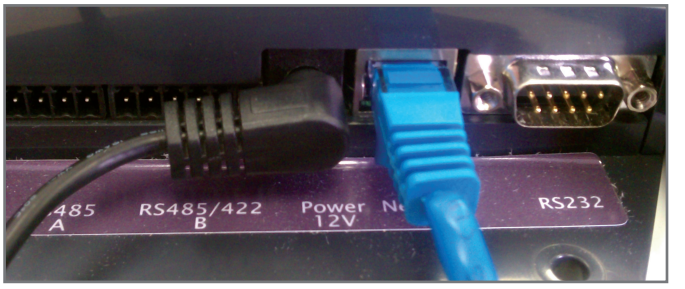


**Figure 3**: Connection to the STL 800. Blue ethernet cord is connected to ethernet switch.

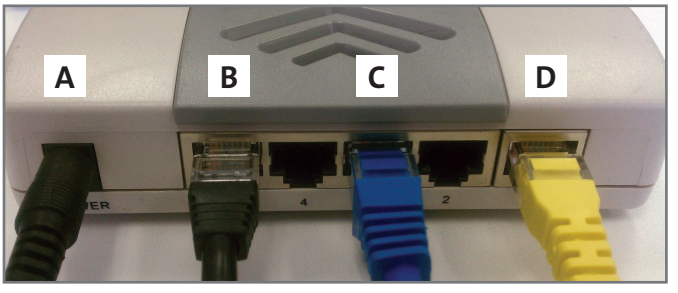


**Figure 4**: Connections on the ethernet switch (not included).

A: Power input (12V)
B: Connection to PVP1010 network card inside inverter (see Figure 2)
C: Connection to STL 800 (see Figure 3)
D: Network connection to router

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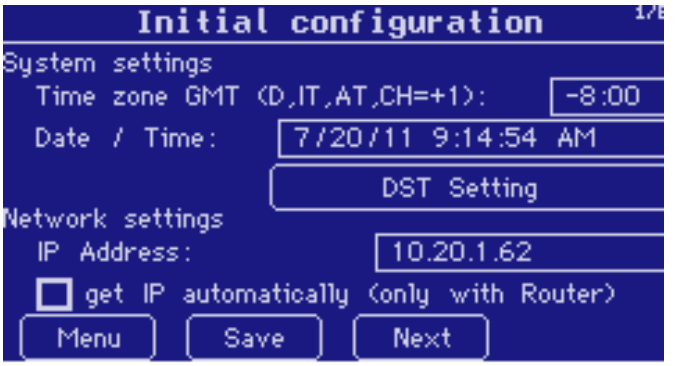
# Configuration of the STL 800

Touching the screen opens the main menu.


**Start**

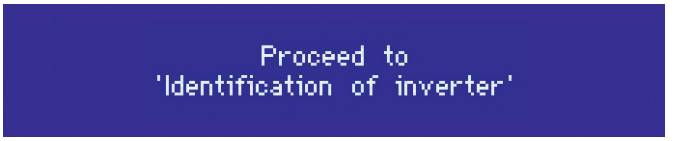
**Initial configuration**
> Config. > Start > Initial config.

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).



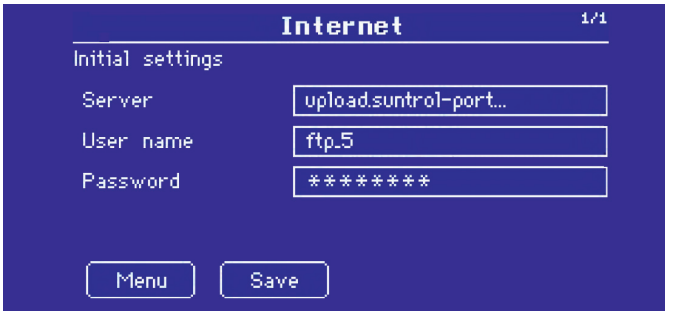

**Note down IP address**

The “Next” button takes you to the following dialogs, where you can select the interface (ethernet) and the inverter manufacturer (PV Powered).



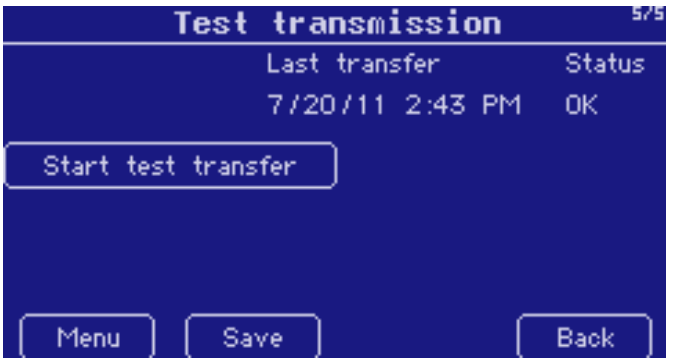

**Configure the inverter**
Select “Continue to inverter detection” (or > Config. > Start > Inverter detection) and start the inverter detection.

**Basis**
**Cofiguring 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 “I” as the user name and password.

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



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