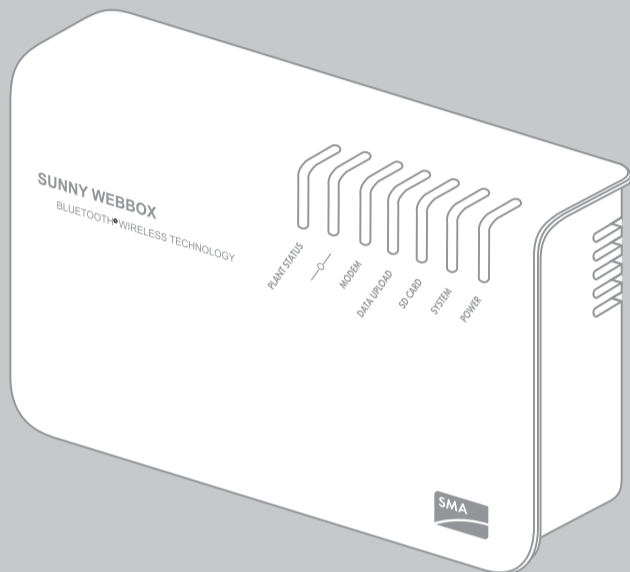




Plant Monitoring
SUNNY WEBBOX with BLUETOOTH® WIRELESS TECHNOLOGY

Quick Reference Guide for Commissioning



SWebbox20-SE-BEN120212 | 98-0024212 | Version 1.2

EN

SYSTEM REQUIREMENTS

Operating system:

- Microsoft Windows 7
- Microsoft Windows Vista
- Microsoft Windows XP SP2
- Linux with Kernel as of version 2.6.12* (KDE) or later
- MacOS as of version 10.6*

* with Sun Java Runtime Environment (JRE) as of version 6

Recommended screen resolution:

- 1 024 x 768 pixels

Web browser:

- Internet Explorer as of version 8
- Firefox as of version 3.6

A PREPARATION

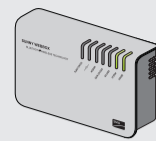
This quick reference guide will guide you through the commissioning stages of your Sunny WebBox with Bluetooth with the help of the Sunny WebBox Assistant.

Download the Sunny WebBox Assistant from the download area at www.SMA.de/en. Make sure that all the SMA Bluetooth devices of your PV plant have been set and put into operation under the same NetID. Your installer will inform you which NetID is applicable.

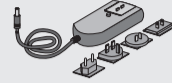
Identify the ideal installation/mounting location for the Sunny WebBox with Bluetooth using the Sunny Explorer software or the Sunny Beam with Bluetooth. Note the information in the installation manual of the Sunny WebBox with Bluetooth on the installation/mounting location.

B UNPACKING

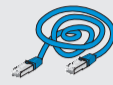
For commissioning, you will need the following items from the packaging:



Sunny WebBox with Bluetooth® Wireless Technology



Plug-in power supply with travel adapter

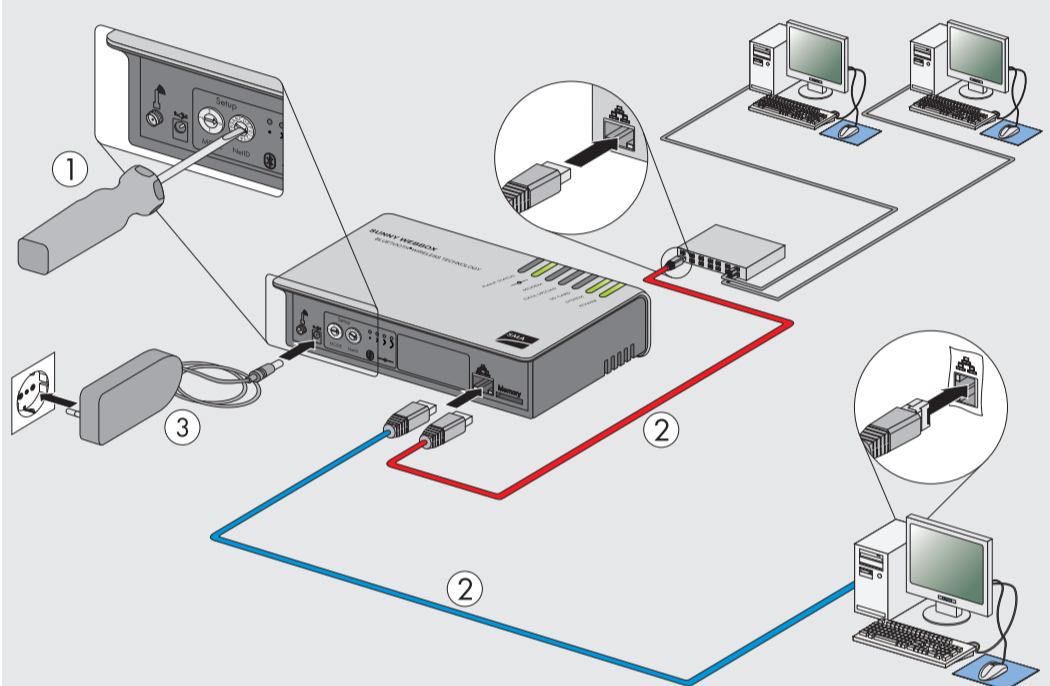


Blue patch cable (crossover cable)



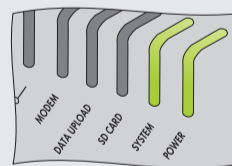
Red patch cable

C COMMISSIONING THE SUNNY WEBBOX



1. Set the NetID of your PV plant in the Sunny WebBox.
2. Connect the Sunny WebBox and a node (e.g., router, network switch, hub) using the red patch cable (recommended).
or
 use the blue patch cable to connect the Sunny WebBox directly to a computer.
3. Connect the plug-in power supply to the Sunny WebBox and plug into a socket-outlet.

The Sunny WebBox starts up and is ready for operation once the "SYSTEM" and "POWER" LEDs are green. The start-up sequence can take up to 90 seconds.



If the "SYSTEM" or "POWER" LEDs are not lit, see Section "TROUBLESHOOTING".

D STARTING THE SUNNY WEBBOX ASSISTANT

Activate JavaScript in the Web browser
The user interface of the Sunny WebBox and Sunny WebBox Assistant requires JavaScript in order to correctly display and run contents and functions. Activate JavaScript in your Web browser. If necessary, refer to the help section of your Web browser.

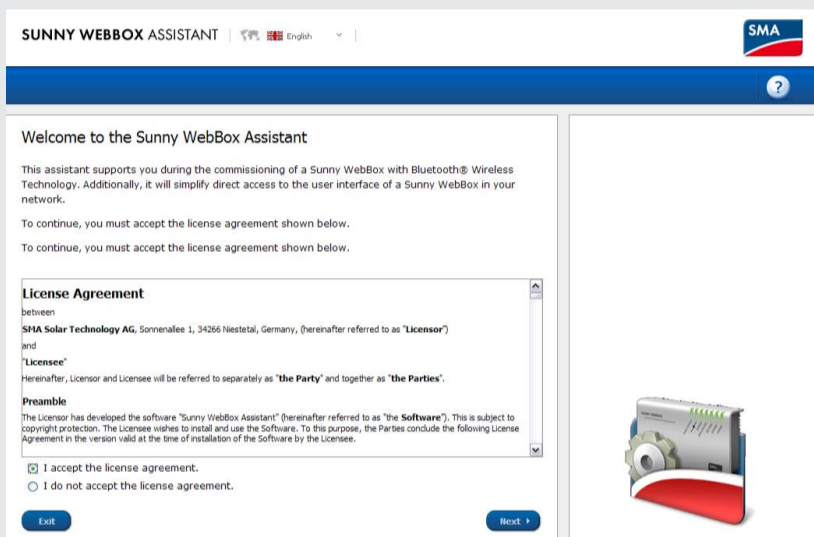
Commission all nodes
If you wish to integrate the Sunny WebBox in a local network without the Dynamic Host Configuration Protocol (DHCP), commission all the nodes of your local network. The Sunny WebBox Assistant will help assign a free IP address.

- Download the Sunny WebBox Assistant in the download area at www.SMA.de/en.
- Launch the appropriate Sunny WebBox Assistant start up file for your operating system:

Operating system	Sunny WebBox Assistant startup file
Microsoft Windows 7, Microsoft Windows Vista, Microsoft Windows XP SP2	Sunny-WebBox-Assistant.exe
Linux*, MacOS*	Sunny-WebBox-Assistant.jar

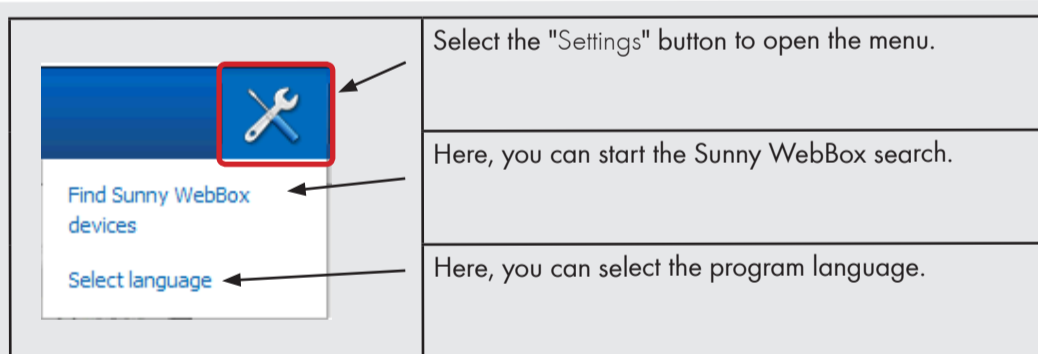
*with Sun Java Runtime Environment (JRE) as of version 6

- The Sunny WebBox Assistant opens in the Web browser.



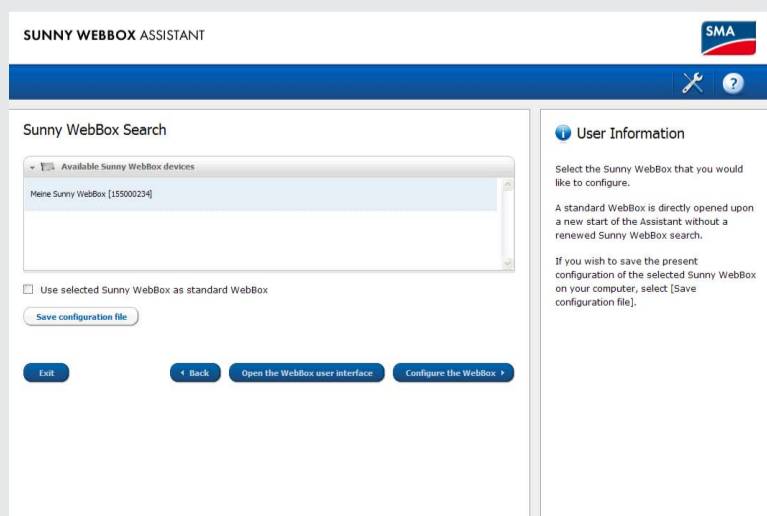
- If the Sunny WebBox Assistant does not open, see Section "TROUBLESHOOTING".

E MENU OVERVIEW



F SEARCHING FOR THE SUNNY WEBBOX

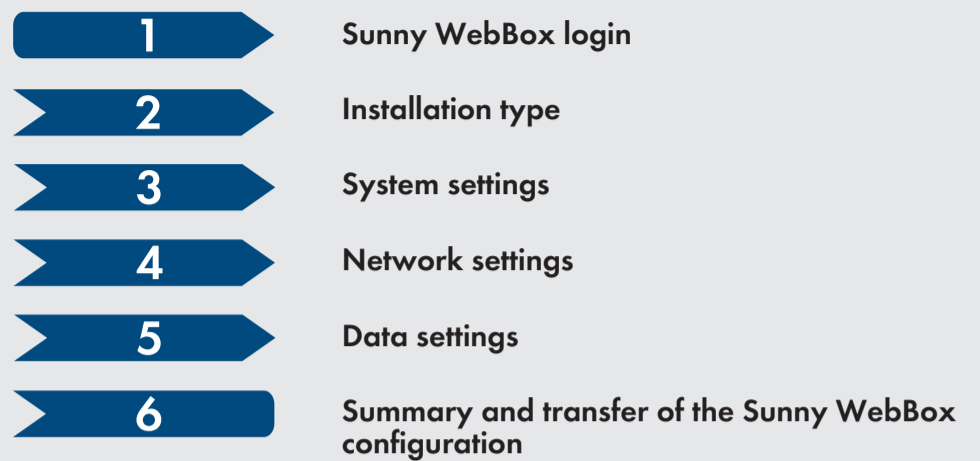
- Accept the license agreement and click [Next].
 - If the Sunny WebBox has not yet been connected: connect the Sunny WebBox and select [Next].
- The Sunny WebBox Assistant starts searching for Sunny WebBox devices in your network.



- If you do not find your Sunny WebBox, see Section "TROUBLESHOOTING".

G CONFIGURING THE SUNNY WEBBOX

- Choose the Sunny WebBox to be configured.
 - Select [Configure the WebBox].
- The Sunny WebBox Assistant will guide you through the basic settings of the Sunny WebBox. Follow the instructions in the Sunny WebBox Assistant.



H TROUBLESHOOTING

The "POWER" LED is off

- The Sunny WebBox is not supplied with voltage. Check the power connections for the Sunny WebBox.

The "SYSTEM" LED is flashing red

- To restart the Sunny WebBox, remove the plug-in power supply of the Sunny WebBox from the socket-outlet and reinsert it after a short time.
- If the problem was not solved with a restart, please contact the SMA Service Line.

The Sunny WebBox Assistant does not open

Error message: <http://localhost:4145/s/init>

- There is no standard Web browser set up on your operating system. Set up a standard Web browser on your operating system. If necessary, refer to the help section of your operating system.
- There is no Web browser installed. Install a supported Web browser on your operating system.

The Sunny WebBox Assistant does not find the Sunny WebBox

- IPv6 may not be supported by other network components (e.g. proxy server, WLAN router). Connect the Sunny WebBox directly to the computer with the blue patch cable and repeat the search.
- The Sunny WebBox is located in another network area that cannot be accessed. Connect the Sunny WebBox directly to the computer using the blue patch cable and repeat the search.
- A firewall is blocking the connection to the Sunny WebBox. Deactivate the firewall during commissioning or enable the necessary connection (protocols: HTTP, UDP on Port 80). If necessary, refer to the help section of the firewall. Repeat the search.

IPv6 cannot be activated in Windows XP.

- You need administration rights on your computer. After the change, restart the computer and start the Sunny WebBox Assistant again.
- Activate IPv6 manually in Windows XP SP2 (see the Sunny WebBox user manual).

CONTACT

If you encounter technical problems regarding the Sunny WebBox with *Bluetooth*® or the Sunny WebBox Assistant, please contact us via the SMA Service Line. The following data is required in order to provide you with the necessary assistance:

- Operating system
- Sunny WebBox firmware version
- Software version of the Sunny WebBox Assistant

SMA Solar Technology AG
Sonnallee 1
34266 Niestetal, Germany
www.SMA.de

SMA Service Line
Inverters +49 561 9522 1499
Communication: +49 561 9522 2499
Fax: +49 561 9522 4699
E-Mail: ServiceLine@SMA.de