

SUNNY BEAM USB Driver

Installing the Sunny Beam USB Driver



Version: 1.4

1 Sunny Beam USB Driver

The Sunny Beam USB driver is needed to connect a Sunny Beam to a computer.

System requirements:

The Sunny Beam USB driver supports the following operating systems:

- Windows 2000
- Windows XP (32-bit and 64-bit)
- Windows Vista (32-bit and 64-bit)
- Windows 7 (32-bit and 64-bit)

2 Installing the Driver

2.1 Downloading the Driver

Required material:

- Computer with a zip program
 - Internet access
 - Supported operating system (see section 1 "Sunny Beam USB Driver" (page 1)).
 - Sunny Beam.
1. Switch on the computer.
 2. Create a new folder on your computer and name it "Sunny Beam", for example.
 3. Download the Sunny Beam USB driver from the download area at www.SMA.de/en:
 - Select the Sunny Beam USB driver for your operating system.
 - Click **Open** in the "File Download" window.
 - Save the zip file on your computer.
 - Using your zip program, unzip the files in the folder you created earlier.

2.2 Installing the Driver

2.2.1 Installing the Driver on Systems Operating Windows XP/ Windows 2000

Installation of the driver is the same for Windows XP and Windows 2000.

Drivers for 2 hardware components have to be installed.

Procedure:

- Installing the driver for Sunny Beam USB UART
- Installing the driver for USB Serial Port



Windows Logo testing

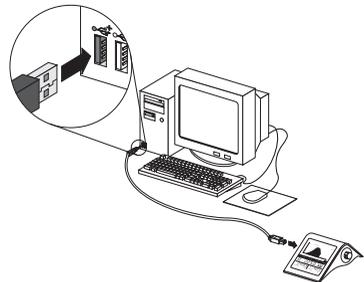
During the installation process of an SMA Windows driver, Windows will warn you that the software you are installing has not passed the Windows Logo testing.

This warning is displayed when third-party drivers are installed. It indicates that the manufacturer's driver has not been tested in the Microsoft "Windows Hardware Quality Labs (WHQL)".

SMA Solar Technology AG has tested and approved the driver's functionality. You can ignore the recommendation from Microsoft to abort the installation and proceed with the installation of the driver.

Installing the driver for Sunny Beam USB UART

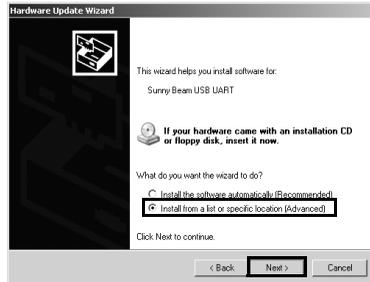
1. Connect the Sunny Beam to your computer using the USB cable provided.
 - The "Found New Hardware Wizard" window opens.
 - The "Found New Hardware Wizard" window does not open?
 - See section 3 "Starting the Add Hardware Wizard Manually" (page 15).



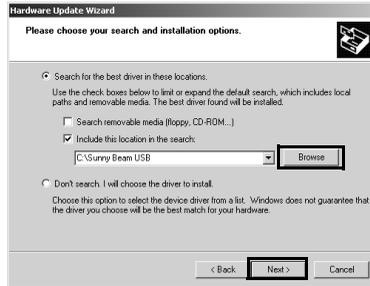
- 2. If the window shows the question "Can Windows connect to Windows Update to search for software?" select **No, not this time** and click [Next>].



- 3. If the window shows the question "What do you want the wizard to do?" select **Install from a list or specific location (Advanced)** and click [Next >].



- 4. Click [Browse] and select the folder in which the unzipped driver files are saved.
- 5. Click [Next >].



- 6. Click [Continue Anyway].
 The installation starts.

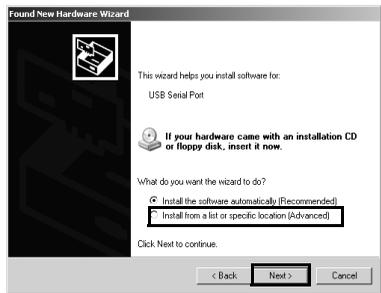


- "Found New Hardware Wizard" opens.
7. Click [Finish].
 - The "Found New Hardware Wizard" window opens.
 - The "Found New Hardware Wizard" window does not open?
 - See section 3 "Starting the Add Hardware Wizard Manually" (page 15).

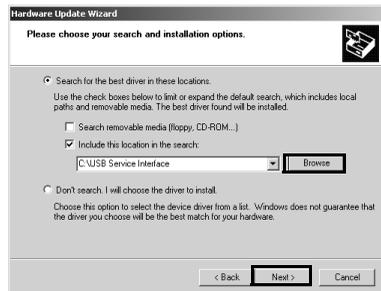


Installing the driver for USB Serial Port

1. Select **Install from a list or specific location (Advanced)** field and click [Next >].



2. Click **Browse** and select the folder in which the unzipped driver files are saved.
3. Click [Next >].



4. Click [Continue Anyway].
 - The installation starts.



5. Click [Finish].
- Both drivers are installed.



2.2.2 Installing the Driver on Systems Operating Windows Vista.

Drivers for 2 hardware components have to be installed.

Procedure:

- Installing the driver for Sunny Beam USB UART
- Installing the driver for USB Serial Port



Windows Security

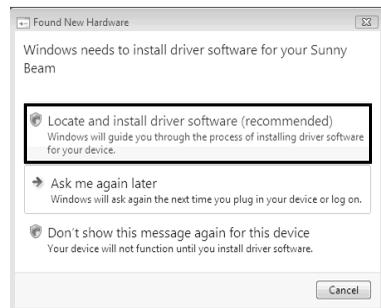
During the installation process of an SMA Windows driver, Windows will warn you that it cannot verify the publisher of the driver software.

This warning is displayed when third-party drivers are installed. It indicates that the manufacturer's driver has not been tested in the Microsoft "Windows Hardware Quality Labs (WHQL)".

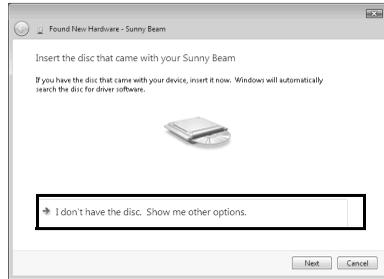
SMA Solar Technology AG has tested and approved the driver's functionality. You can ignore the recommendation from Microsoft to abort the installation and proceed with the installation of the driver.

Installing the driver for Sunny Beam USB UART

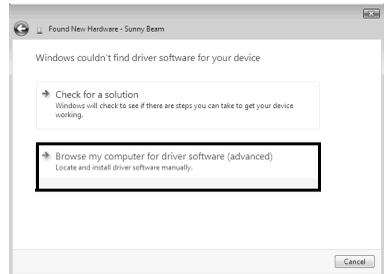
1. Connect the Sunny Beam to your computer using the USB cable provided.
 - The "Found New Hardware" window opens.
 - The "Found New Hardware" window does not open?
 - See section 3 "Starting the Add Hardware Wizard Manually" (page 15).
2. Click **Locate and install driver software (recommended)**.



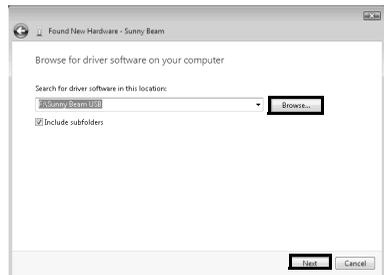
- Click **I don't have the disc. Show me other options.**



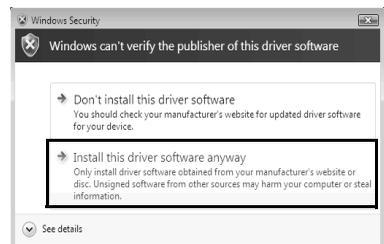
- Click **Browse my computer for driver software (advanced).**



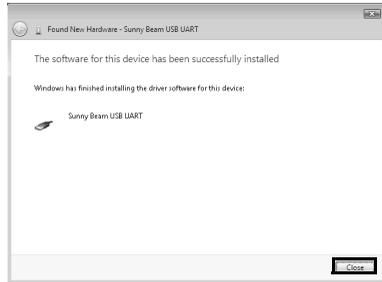
- Click [Browse...] and select the folder in which the unzipped driver files are saved.
- Click [OK].
- Click [Next].



- Click **Install this driver software anyway.**
- The installation starts.



- ☑ The "Found New Hardware - Sunny Beam USB UART" window opens.
9. Click [Close].
- ☑ The "Found New Hardware - USB Serial Port" window opens.
 - The "Found New Hardware - USB Serial Port" window does not open?
 - See section 3 "Starting the Add Hardware Wizard Manually" (page 15).

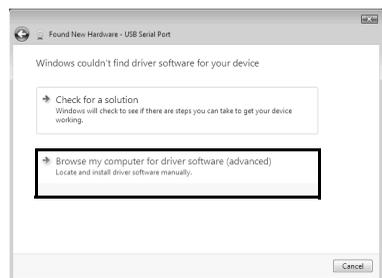


Installing the driver for USB Serial Port

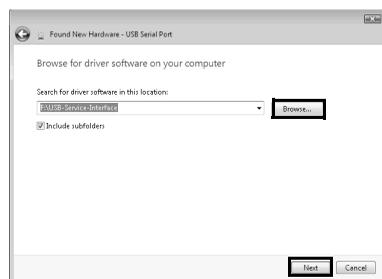
1. Click **I don't have the disc. Show me other options.**



2. Click **Browse my computer for driver software (advanced).**

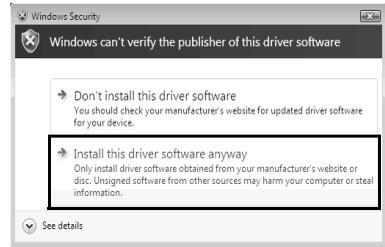


3. Click [Browse...] and select the folder in which the unzipped driver files are saved.
4. Click [OK].
5. Click [Next].



6. Click **Install this driver software anyway**.

- The installation starts.



- The "Found New Hardware - USB Serial Port (COMx)" window opens.

7. Click [Close].

- Both drivers are installed.



2.2.3 Installing the Driver on Systems Operating Windows 7.

Drivers for 2 hardware components have to be installed.

Procedure:

- Installing the driver for Sunny Beam USB UART
- Installing the driver for USB Serial Port



Windows Security

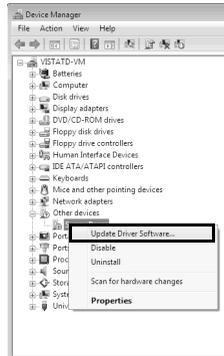
During the installation process of an SMA Windows driver, Windows will warn you that it cannot verify the publisher of the driver software.

This warning is displayed when third-party drivers are installed. It indicates that the manufacturer's driver has not been tested in the Microsoft "Windows Hardware Quality Labs (WHQL)".

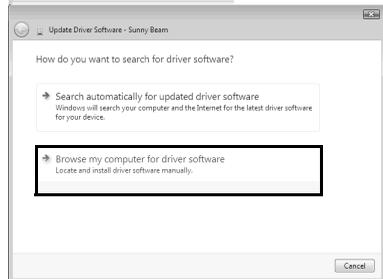
SMA Solar Technology AG has tested and approved the driver's functionality. You can ignore the recommendation from Microsoft to abort the installation and proceed with the installation of the driver.

Installing the driver for Sunny Beam USB UART

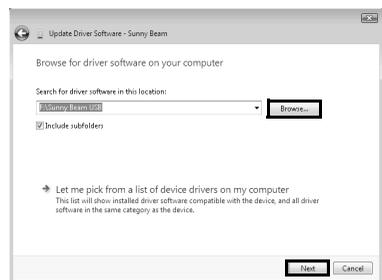
1. Connect the Sunny Beam to your computer using the USB cable provided.
2. Click **Start**.
3. Right click on **My Computer** and select **Properties**.
4. Click **Device Manager**.
5. Click **Other devices**.
6. Right click on **Sunny Beam** and select **Update Driver Software...**



7. Click **Browse my computer for driver software**.



8. Click [Browse...], select the folder in which the unzipped driver files are saved and click [OK].
9. Click [Next].



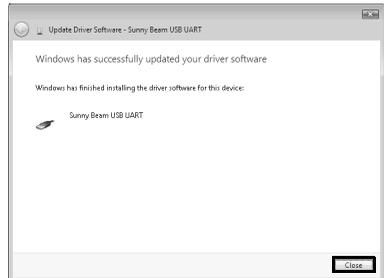
10. Click **Install this driver software anyway.**

The installation starts.



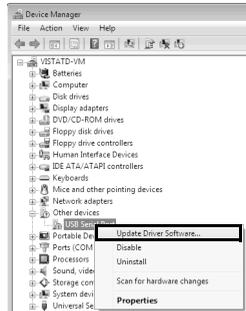
The "Update Driver Software - Sunny Beam USB UART" window opens.

11. Click [Close].

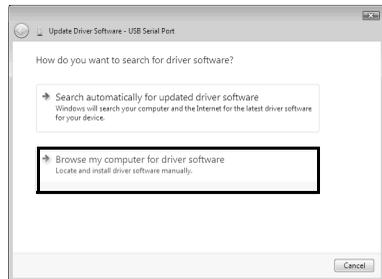


Installing the driver for USB Serial Port

1. Click **Start**.
2. Right click on **My Computer** and select **Properties**.
3. Click **Device Manager**.
4. Click **Other devices**.
5. Right click on **USB Serial Port** and select **Update Driver Software...**



6. Click **Browse my computer for driver software.**

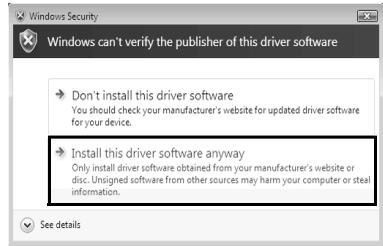


7. Click [Browse...] and select the folder in which the unzipped driver files are saved.
8. Click [OK].
9. Click [Next].



10. Click **Install this driver software anyway.**

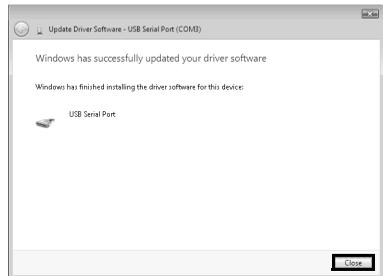
The installation starts.



The "Update Driver Software - USB Serial Port (COMx)" window opens.

11. Click [Close].

Both drivers are installed.

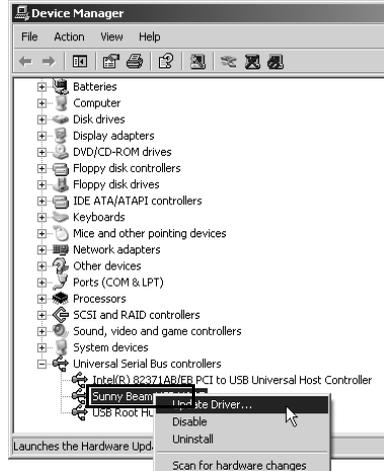


3 Starting the Add Hardware Wizard Manually

If the Add Hardware Wizard does not start automatically when you connect new hardware to the computer, you can also start the Add Hardware Wizard manually.

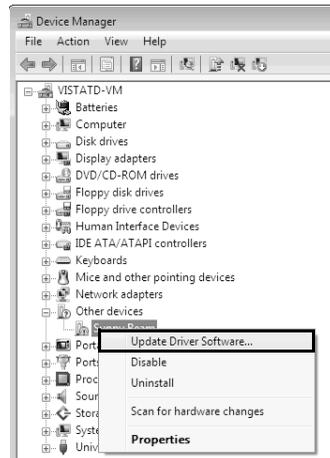
Starting the Add Hardware Wizard manually on systems operating Windows XP/Windows 2000

1. Click **Start > Settings > Control Panel > System > Hardware > Device Manager**.
 - "Sunny Beam" is listed under "Other devices".
 - "Sunny Beam" is not listed under "Other devices"?
 - Check whether "Sunny Beam" is listed under "USB Controller".
2. Right click on **Sunny Beam** and select **Update Driver**.
 - Add Hardware Wizard opens.



Starting the Add Hardware Wizard manually on systems operating Windows Vista

1. Click **Start**.
 2. Right click on **My Computer** and select **Properties**.
 3. Click **Device Manager**.
 - "Sunny Beam" is listed under "Other devices".
 - "Sunny Beam" is not listed under "Other devices"?
 - Check whether "Sunny Beam" is listed under "USB Controller".
 4. Right click on **Sunny Beam** and **Update Driver Software...**
- Add Hardware Wizard opens.



4 Uninstalling the Driver

4.1 Uninstalling the Driver on Systems Operating Windows XP/ Windows 2000

You can uninstall the Sunny Beam USB driver if you no longer need it.

Uninstalling the driver for USB UART

1. Click **Start > Settings > Control Panel > System > Hardware > Device Manager**.
 - "Sunny Beam" is listed under "Other devices".
 - "Sunny Beam" is not listed under "Other devices"?
 - Check whether "Sunny Beam" is listed under "USB Controller".
2. Right click on **Sunny Beam** and select **Uninstall**.
3. Click [OK] in the "Confirm Device Removal" window.

Uninstalling the driver for USB Serial Port

1. Click **Start > Settings > Control Panel > System > Hardware > Device Manager**.
 - "USB Serial Port" is listed under "Ports (COM and LPT)".
 2. Right click on "Ports (COM and LPT)" and select **Uninstall**.
 3. Click [OK] in the "Confirm Device Removal" window.
- Both drivers are uninstalled.

4.2 Uninstalling the Driver on Systems Operating Windows Vista/ Windows 7

You can uninstall the Sunny Beam USB driver if you no longer need it.

Uninstalling the driver for USBPB

1. Click **Start**.
 2. Right click on **My Computer** and select **Properties**.
 3. Click **Device Manager**.
 - "Sunny Beam" is listed under "Other devices".
 - "Sunny Beam" is not listed under "Other devices"?
 - Check whether "Sunny Beam" is listed under "USB Controller".
 4. Right click on **Sunny Beam** and select **Uninstall**.
- Click [OK] in the "Confirm Device Uninstall" window.

Uninstalling the driver for USB Serial Port

1. Click **Start**.
2. Right click on **My Computer** and select **Properties**.
3. Click **Device Manager**.
 - "USB Serial Port" is listed under "Ports (COM and LPT)".
4. Right click on "Ports (COM and LPT)" and select **Uninstall**.
5. Click [OK] in the "Confirm Device Removal" window.
6. Both drivers are uninstalled.

5 Contact

If you have technical problems concerning our products, contact the SMA Serviceline. We require the following information in order to provide you with the necessary assistance:

- Type and serial number of the inverter
- Serial number of communication interface
- Type and serial number or version of the communication device (e.g. Sunny Beam, Sunny Explorer)
- Detailed description of the problem

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