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).



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

ound New Hardware Wizard	
	Welcome to the Found New Hardware Wizard Window will areach for unrent and updated stiftware by the Window Update Vela its (with your permission) Beed out privacy policy
	Can Windows connect to Windows Update to search for software? C Yes, this time only C Yes, now and every fine I connect a device R No. not this time
	Click Next to continue.
	<back next=""> Cancel</back>

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 >].



This wizard helps you install software for Sunny Beam USB UART

Click [Continue Anyway].
 ☑ The installation starts.

iai uwai c	installation
⚠	The software you are installing for this hardware: Sunny Beam USB UART
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

< Back Next >

Cancel

- ☑ "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

 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 >].



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< Back Next > Cancel
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Please choose your search and installation options. C Search for the best driver in these locations. Use the check hoses below to find are separad the default search, which includes local paths and removable media. The best driver found will be installed. C Search removable media (Ropp, CD-ROM)
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Click [Continue Anyway].
 The installation starts.

Installation
The software you are installing for this hardware: USBPB Serial Port has not passed Windows Logo testing to verify its compatibility with Windows X-P. [cell me who this testing is monotant.] Continuing your installation of this software may impair or destabilities the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway STOP Installation

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

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The viscal hair finited initiality the software for.
	Click Frish to close the wizard.

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).



Next Cancel

-23+

Cancel

▼ Browse...

💮 🧕 Found New Hardware - Sunny Beam

Insert the disc that came with your Sunny Beam If you have the disc that came with your device, insert it now. Windows will automatically march that disc for down software

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

Browse my computer for driver software (advanced) Locate and install driver software manually.

Browse for driver software on your computer

Search for driver software in this location:

Include subfolders

G Dund New Hardware - Sunny Bear

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

Click Browse my computer for driver software (advanced).

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

4.

7. Click [Next].

- 8. Click Install this driver software anyway.
- ☑ The installation starts.



User Manual

☑ 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).



Found New Hardware - Insert the disc that ca	uss Serial Port
If you have the disc that can search the disc for driver sof	with your device, insert it now. Windows will automatically bware.
I don't have the exact the second	lisc. Show me other options.
	Next Cancel

Winc	lows couldn't find driver software for your device	
*	Check for a solution Windows will check to see if there are steps you can take to get your device working.	
*	Browse my computer for driver software (advanced) Locate and install driver software manually.]

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

G	🚊 Found New Hardware - USB Serial Port	Xim
	Browse for driver software on your computer	
	Search for driver software in this location:	
	Include subfolders	
	Next Can	:el

- 6. Click Install this driver software anyway.
 - ☑ The installation starts.

/ind	ows Min	Security
/	w	dows can't verify the publisher of this triver software
	*	Don't install this driver software You should check your manufacturer's website for updated driver software for your device.
	*	Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or ste information.
) Se	e det	ails

- ☑ The "Found New Hardware USB Serial Port (COMx)" window opens.
- 7. Click [Close].
- ☑ Both drivers are installed.

🕞 🚊 Found New Hardware - USB Serial Port (COM3)	mit Xim
The software for this device has been successfully installed	
Windows has finished installing the driver software for this devices	
USB Serial Port	
	Close

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.

🚔 Device Manager

File Action View Help ← ⇒ | = | □ | □ = | ∞ | □ ⊕ ⊕ 65

Uninstall

Scan for hardware changes Properties

Computer
 Disk drives
 Disk drives

Keyhoards Mice and other pointing device

Ď

04 04

- Click Start. 2.
- Right click on My Computer and select Properties. 3.
- 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].

) 🔋 Update Driver Software - Sunny Beam	
How do you want to search for driver software?	
Search automatically for updated driver software Windows will such your computer and the Internet for the latest driver software for your derice.	
Browse my computer for driver software Locate and install driver software manually.	
	Cancel
👔 📋 Update Driver Software - Sunny Beam	
Browse for driver software on your computer	
Search for driver software in this location:	
Include subfolders	
Let me pick from a list of device drivers on my computer The line will about installed down utshake compaties with the device, and all driver schware in the same catagory as the device.	
Next	Cancel

- 10. Click Install this driver software anyway.
 - \blacksquare The installation starts.

😵 Wir	ndows	Security 🔀
\otimes	Win	dows can't verify the publisher of this driver software
	_	
	*	Don't install this driver software You should check your manufacture's website for updated driver software for your device.
	*	Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
۲	See det	ails

- ☑ The "Update Driver Software Sunny Beam USB UART" window opens.
- 11. Click [Close].

		1
9	Update Driver Software - Sunny Beam USB UART	
	Windows has successfully updated your driver software	
	Windows has finished installing the driver software for this device:	
	Sunny Beam USB UART	
	3	
	Close	c

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.

() L (Update Driver Software - USB Serial Port	11X1
Hov	w do you want to search for driver software?	
*	Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device.	
*	Browse my computer for driver software Locate and install driver software manually.	
		Cancel
A a i	Index Priver Coffeena , 1KB Caril Bort	

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

O 1	Update Driver Software - USB Serial Port
Br	rowse for driver software on your computer
Se	arch for driver software in this location:
	ASunny Beam USB · Browse
	Include subhiden Let me pick from a list of device drivers on my computer That will new installed doer schare compatible with the device, and all driver schares in the same ontgray as the device.
	Net Cancel

- 10. Click Install this driver software anyway.
 - \blacksquare The installation starts.

ws can't verify the publisher of this driver software
on't install this driver software
your device.
stall this driver software anyway ly install driver software obtained from your manufacture's website or . Unsigned software from other sources may harm your computer or stea immation.

- ☑ The "Update Driver Software USB Serial Port (COMx)" window opens.
- 11. Click [Close].
- ☑ Both drivers are installed.

10 ² - 1 1			
windows has suco	esstully updated your drive	ir sottware	
Windows has finished in	stalling the driver software for this	device:	
USB Serial Por			
4			

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

- 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

- Click Start > Settings > Control Panel > System > Hardware > Device Manager.

 ^I "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.

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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SMA Serviceline

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