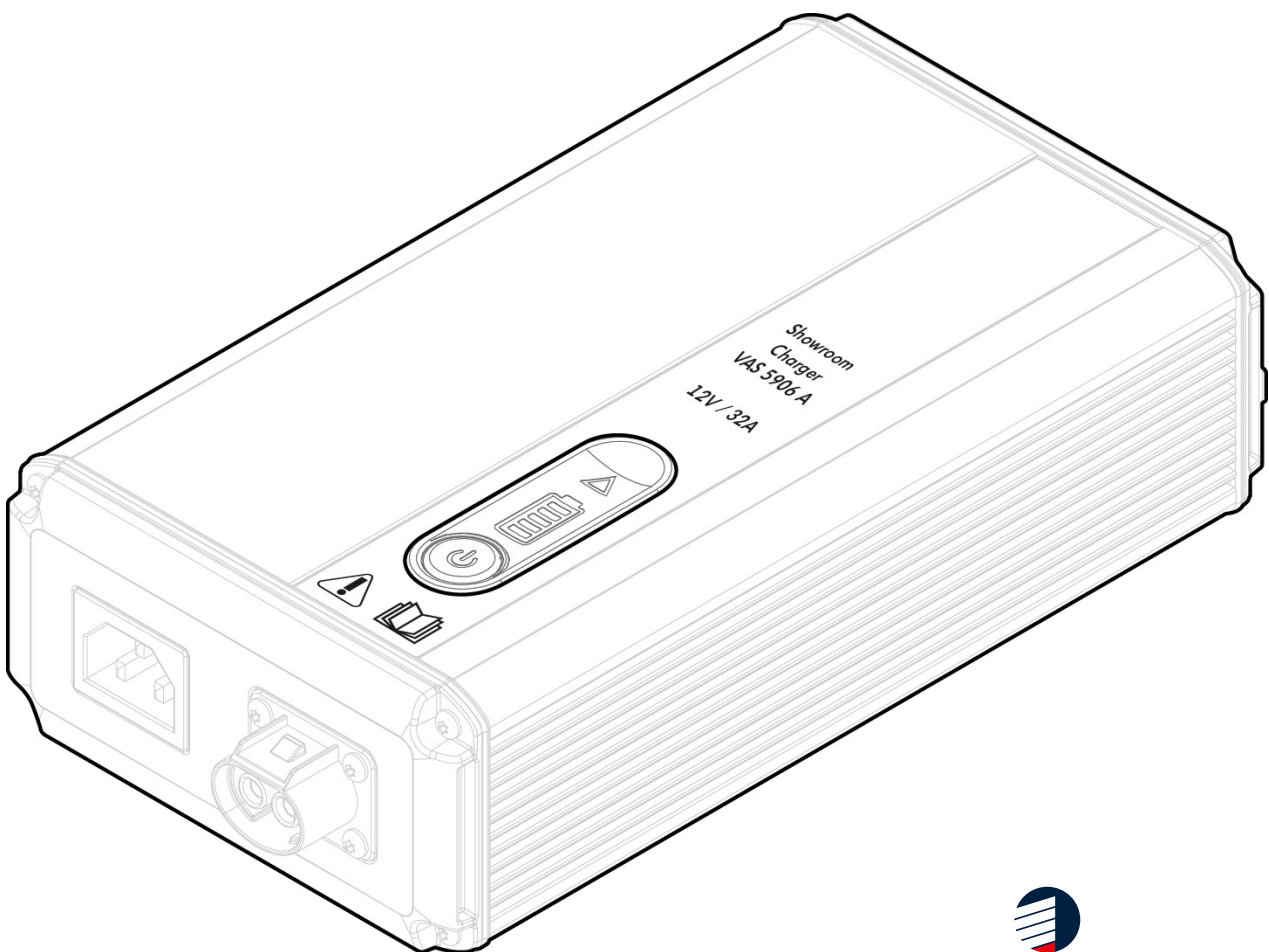




VAS 5906A

EN

Operating manual
firmware update




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Safety indications

DANGER!



“**DANGER!**” Identifies an immediately-threatening hazard. If it is not avoided, death or serious injuries will result.

WARNING!



“**WARNING!**” Indicates a possibly dangerous situation. If it is not avoided, death or serious injury may result.

CAUTION!



“**CAUTION!**” Indicates a situation where damage or injury could occur. If it is not avoided, minor injury and/or damage to property may result.

NOTE!



“**NOTE!**” Indicates a risk of flawed results and possible damage to the equipment.

IMPORTANT!

IMPORTANT! Indicates tips for correct operation and other particularly useful information. It does not indicate a potentially damaging or dangerous situation.

If you see one of the symbols shown in the “safety regulations” chapter, you should pay particular attention.

General informations

Principle The main feature of the new technology is efficient and „intelligent charging“. This means that the charging behaviour adapts itself automatically to the age and charge level of the battery. This innovation extends the battery's service life and reduces the amount of maintenance required, while at the same time improving efficiency.

The VAS 5906A charger is based on a high-frequency technology. This charger represents the latest technology. It is well suited to charge lead/acid, AGM, EFB, GEL and lithium-ion batteries up to approx.

250 Ah for a unlimited time. The charger can be connected in parallel connected loads during the charging process, e.g. in the on-board vehicle network, with up to 32 A.

Device concept The compact and simple design reduces space requirements and makes portable use considerably easier. For the use in the showroom, the design of the device housing is perfect fitted for the high demands of modern presentation surfaces. Through the possibility of a firmware update via USB cable, each user can adapt the charger to future changed characteristic requirements and is equipped for all future challenges. The assembly with few assemblies simplifies the repair in case of damage.



General information about the firmware update

Principle firmware The firmware is the operating system of the VAS 5906A. In order to meet the requirements of constant vehicle development, it is possible to keep the VAS 5906A up to date by updating the firmware.

You can download the required programs for updating the VAS 5906A on the Internet at www.akkuteam.de.

System requirement Minimum system requirements for updating the firmware:

- PC with operating system (at least Windows 7)
- Internet connection
- Micro USB to USB 2.0 Kabel

Process The firmware update is done at first use by several steps:

1. Download „Firmware Updater“ from www.akkuteam.de (The program is the PC software and is used to update the firmware).
2. Download the „Firmware Update“ file from www.akkuteam.de.
3. Connect the charger to the computer and update the VAS 5906A firmware.

Important! The installation and update processes described in this manual are based on the Windows 10 operating system as an example. If you use a different operating system, the images on your screen may differ slightly from the images in this manual.

Download and install the firmware

Important! The VAS 5906A must not be connected to the computer before or during the installation of the firmware.

1. Download the „Firmware Updater“ file from the website www.akkuteam.de. The download starts when you click on it and a small window in your internet browser confirms that the file has been downloaded. This file is stored in the folder you have saved for downloads.



NOTICE! It is strongly recommended that you exit all applications before running any setup program.

2. Start the installation process by opening the „Installer.exe“ file. In most cases, this is done by double-clicking on the relevant file.
3. Follow the instructions of the installation wizard. The individual steps are explained in detail in the next section. The language of the installation assistant is in English.
4. The installation can be interrupted at any time by clicking the „Cancel“ button.

Exit Setup



Setup is not complete. If you exit now, the program will not be installed.

You may run Setup again at another time to complete the installation.

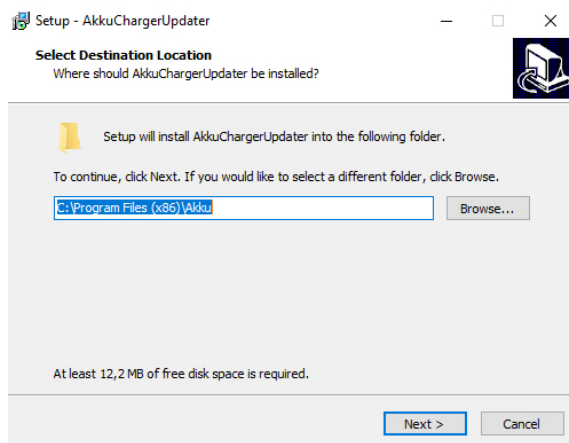
Exit Setup?

Ja

Nein

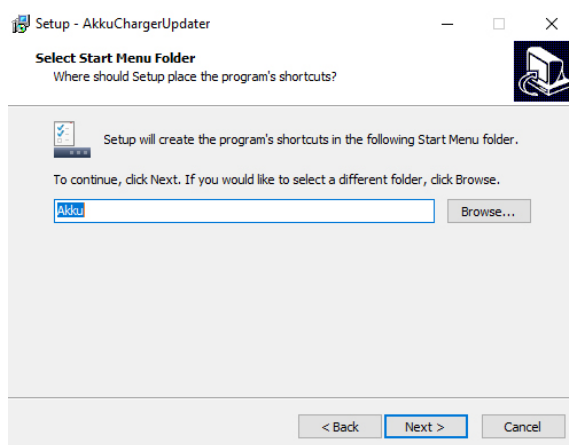
Individual steps of the Firmware Updater installation

Step 1



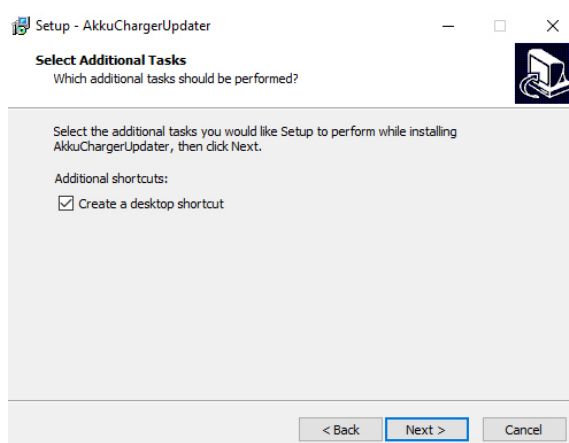
→ Determine the installation path for the setup program on your hard drive.

Step 2

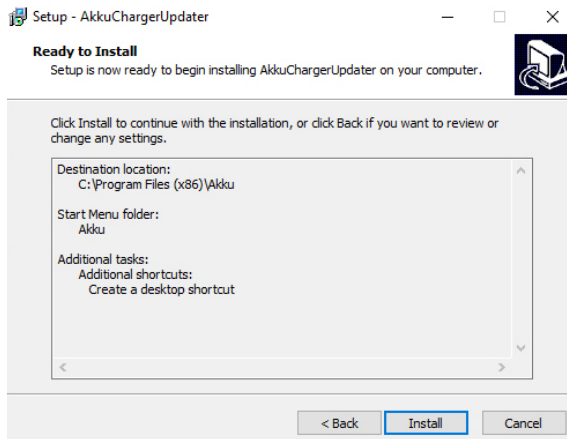


→ Determine the folder name in which the installation should take place. The default is „Akku“. The folder is automatically created on your hard drive during the installation process.

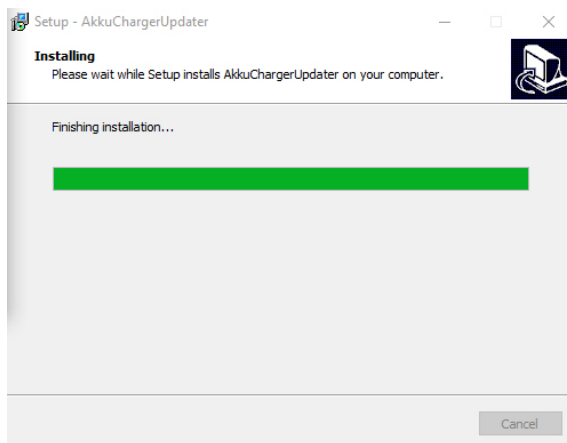
Step 3



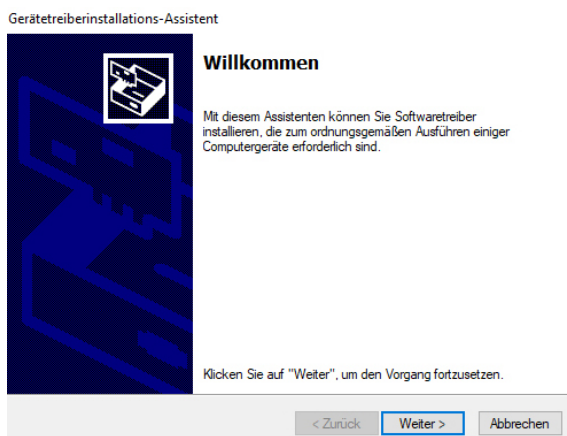
→ Choose whether to automatically create a shortcut to the program on your desktop. If you remove the tick, no link will be created.

Step 4

→ You will receive an overview of your selection. Click on „Install“ to start the installation process.

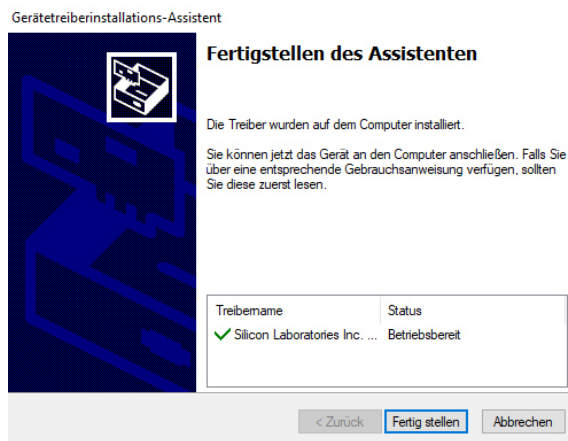
Step 5

→ The installation of the setup program is executed successfully.

Step 6

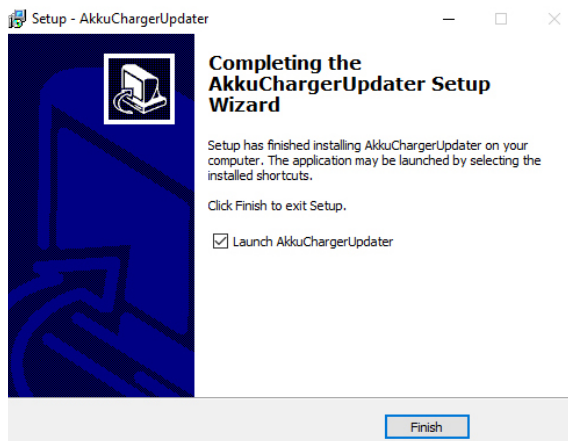
→ When you finish installing the setup program, another window opens: The device installation wizard. This will install the program on your computer after you have clicked on „Next“.

Step 7



→ The installation was successful.
Click on „Finish“ to complete the process.

Step 8



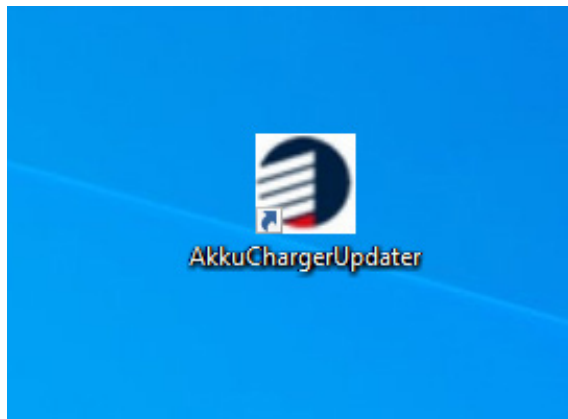
→ You can start the program directly by leaving the box checked and clicking „Finish“. If you remove the tick, the program will not start.

Run the firmware update

Information

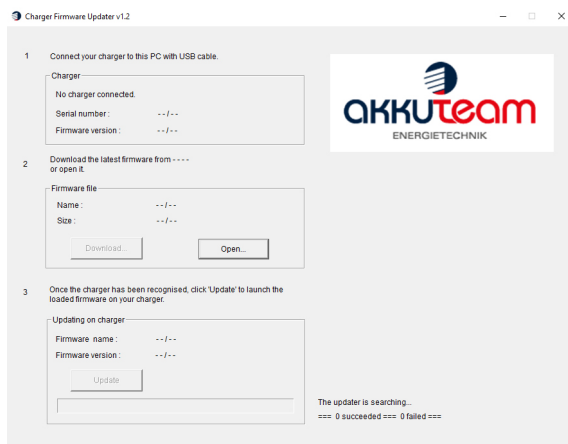
When starting your firmware updater, please make sure that all other programs are closed and the VAS 5906A is not yet connected to the PC. If it is not possible to run the application, please contact your administrator.

Step 1 and Step 2



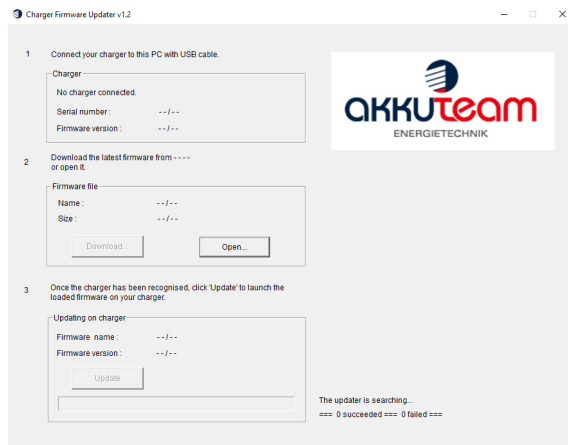
- Download the firmware update from the www.akkuteam.de website onto your computer. This is usually a .bin file.
- If the program is not already running, start the Firmware Updater program using the shortcut on your desktop.

Step 3 and Step 4



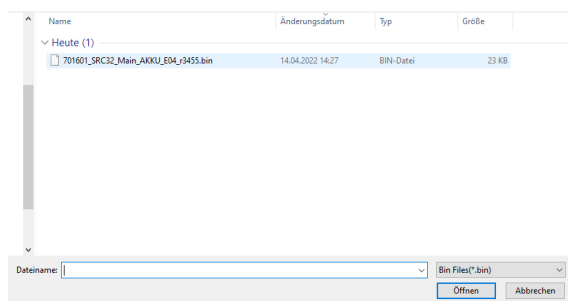
- The program interface opens.
- Connect your VAS 5906A to the power supply and to your computer using a USB cable. As soon as the USB connection is established, the device switches on automatically.

Step 5



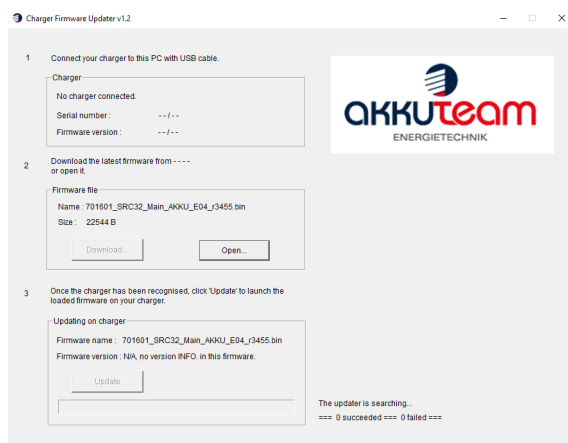
→ In the second section, „Download the latest firmware from ... or open it,“ click Open. The program will then open your folder directory on the computer.

Step 6



→ Select the downloaded firmware update file here (this is usually a .bin file). Then click on „Open“.

Step 7



→ The selected file is now displayed on the program interface. The update is executed by clicking on „Update“ in the third section.

Step 8

→ The update has now been executed successfully. If there are errors, this will be displayed in the program interface. If necessary, repeat the steps. Exit the program and remove connection between the charger and your computer.



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