

KeContact

P30

x-series

Software Update Instructions

Translation of the original instructions



Automation by innovation.

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For information about KEBA and our subsidiaries please look at www.keba.com.

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1 Introduction

This manual is valid for P30 x-series.

The user must ensure that this document is valid for his present product.

1.1 Representation of safety instructions

At various points in this manual, you will see notes and precautionary warnings regarding possible hazards. The symbols used have the following meaning:



DANGER!

indicates an imminently hazardous situation, which will result in death or serious bodily injury if the corresponding precautions are not taken.



WARNING!

indicates a potentially hazardous situation, which can result in death or serious bodily injury if the corresponding precautions are not taken.



CAUTION!

means that if the corresponding safety measures are not taken, a potentially hazardous situation can occur that may result in slight bodily injury.

Caution

means that damage to property can occur if the corresponding safety measures are not taken.



ESD

This symbol reminds you of the possible consequences of touching electrostatically sensitive components.

Information

Identifies practical tips and useful information. No information that warns about potentially dangerous or harmful functions is contained.

1.2 Purpose of the document

This document describes how to perform a software update at P30 x-series. The software update can be installed on the charging station via the web interface, the OCPP backend or via USB.

The latest software is available on the KEBA website:

www.keba.com/emobility-downloads

Information

This document is an extension to the supplied manuals of P30.

You must comply with all instructions and safety instructions in the supplied manuals!

1.3 Requirements

This document contains information for persons who have technical knowledge in the field concerned and are qualified to carry out the necessary operations.

1.4 Warranty

Only general maintenance work that is expressly permitted by KEBA may be performed. Any other tampering to the device will result in a loss of the warranty claim.

A device with a broken manufacturer's seal or removed lead seal may no longer be put into operation. The necessary steps must be taken for having the charging station replaced or repaired by a specialist dealer or service partner.

1.5 Notes on this document

The instructions contained in this manual must be followed precisely. Failure to do so could result in the creation of potential sources of danger or the disabling of safety devices. Apart from the safety instructions given in this manual, the safety precautions and accident prevention measures appropriate to the situation in question must also be observed.

This document reflects the current state of knowledge at the time of publication. It is subject to changes in content due to technical developments. It is therefore recommended that you check regularly on the KEBA website to see whether a more recent version of the document is available for the product in question.

1.5.1 Contents of the document

- Performing a software update

1.5.2 Not contained in this document

- Commissioning and deinstallation of the charging station
- Operating behavior of the charging station
- Operation of the charging station
- Configuration of the charging station

1.6 Further documentation

Manuals and additional information are available on our website:
www.keba.com/emobility-downloads

2 About the update

The update is available via file `P30x_SW_[x_xx].keb`, where `[x_xx]` corresponds to the version number.

Example of update file:

`P30x_SW_1_10.keb` or `P30x_SW_1_10_0.keb`

This update installs the current software version on the charging station. To install this update, the previous software version must be installed on the charging station.

Information

No version can be skipped. If the software on the charging station is older, the update will fail.

2.1 Determine software version

Before updating, check which software version is on the charging station.

The current software version can be seen in the web interface of the charging station. The description for accessing the web interface can be found in the "Configuration Manual".

3 Update via web interface

The description for accessing the web interface can be found in the "Configuration Manual".

Information

To access the web interface remotely (e.g. via WLAN, mobile communications, VPN, etc.), port 80 must be available in the network.

If the mobile communications connection is weak, an update via mobile communications is not recommended due to the file size.

For a software update via the web interface, proceed as follows:

- 1) Open the page "**Software Update**" in the web interface. This page is located in the main menu under "**System**".
- 2) Using the button "**Choose a file ...**" select the file P30x_SW_x_xx.keb.
- 3) Start the update process using the button "**Upload & Install**".

All software components are updated. The status can be seen in the web interface display. After a few minutes, the update process is indicated on the charging station by the LED bar pulsing orange.

After a successful update, the new versions of the installed software components are visible in the web interface. You can compare these versions with the information in the "Software Release Notes".

Caution

During the software update, the power supply must not be interrupted under any circumstances and the charging station must not be restarted. Otherwise the software update will not be completed correctly and normal operation of the charging station is no longer guaranteed.

4 Update via OCPP

For a software update via the OCPP backend the following FTP link is required:

`ftp://keba-update:emobility@ftp.keba.com/P30x_SW_[x_xx].keb`

Information

The FTP link above cannot be accessed if the charging station is in a closed network and has no Internet connection.

Information

Details on using the FTP link can be found in the OCPP backend manual or can be obtained from the OCPP backend provider.

For a software update via the OCPP backend proceed as follows:

- 1) Use the FTP link above.
- 2) Wait until all software components have been updated.
After a few minutes, the update process is indicated on the charging station by the LED bar pulsing orange.
- 3) At the end of the update, the versions of the installed software components can be seen in the web interface. You can compare these versions with the information in the "Software Release Notes".
- 4) After the software update, the charging station restarts automatically.
The LED bar flashes blue or green, depending on the authorization setting.

Caution

During the software update, the power supply must not be interrupted under any circumstances and the charging station must not be restarted. Otherwise the software update will not be completed correctly and normal operation of the charging station is no longer guaranteed.

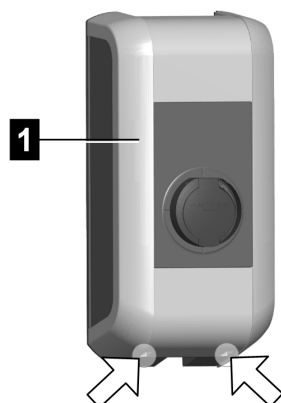
5 Update via USB

The following steps are necessary for an update via USB:

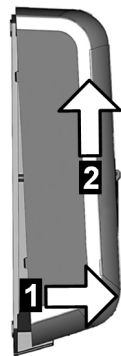
- Remove covers
- Perform update
- Mount covers

5.1 Remove covers

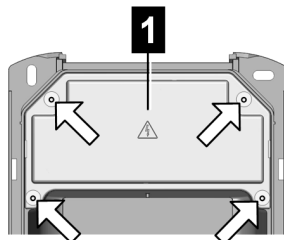
The USB interface is located in the connection panel of the charging station. To make the USB interface accessible, the housing cover and the connection panel cover must be removed. Proceed as follows:



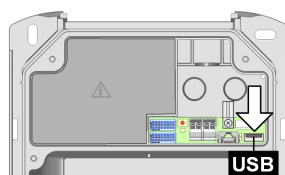
1) Unscrew the two screws on the bottom of the housing cover **1**.



2) Lift the housing cover at bottom max. 1 cm **1** and then push upwards **2**.



3) Unscrew the four screws of the connection panel cover **1** and remove the connection panel cover upwards.



The USB interface **USB** in the connection panel is now accessible.

5.2 Perform update

An empty USB stick formatted with FAT32 is required.

To perform the software update via USB, proceed as follows:

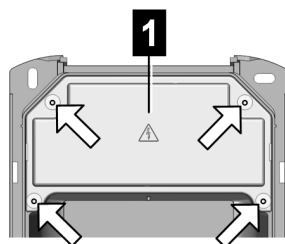
- 1) Create a new directory on the USB stick with the name "UPD".
- 2) Copy the software update file "P30x_SW_[x_xx].keb" into the directory "UPD".
- 3) Connect the USB stick to the USB interface of the charging station.
- 4) The update starts automatically. The display shows **"USB...Updating P30x_SW_[x_xx]"**.
- 5) Wait until all software components have been updated.
The update process is indicated by orange pulsing of the LED bar.
- 6) Unplug the USB stick when the display shows **"Remove USB"**.
The update will continue even after the USB stick is disconnected.
- 7) At the end of the update, the versions of the installed software components can be seen in the web interface. These versions can be compared with the information in the "Software Release Notes".
- 8) After the software update, the charging station restarts automatically.
The LED bar flashes blue or green, depending on the authorization setting.

Caution

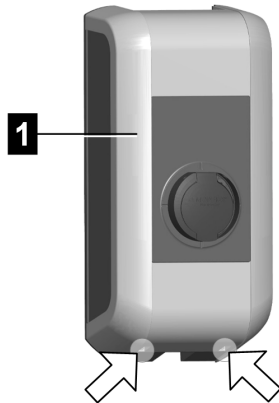
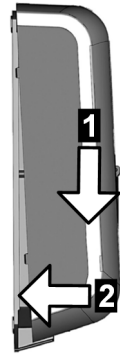
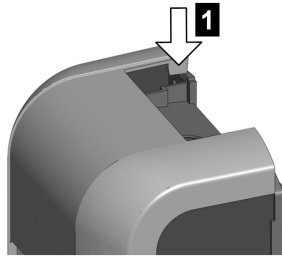
During the software update, the power supply must not be interrupted under any circumstances and the charging station must not be restarted. Otherwise the software update will not be completed correctly and normal operation of the charging station is no longer guaranteed.

5.3 Mount covers

In order to operate the charging station correctly, all covers must be inserted and screwed tight. Proceed as follows:



- 1) Insert connection panel cover **1** and tighten with 4 screws with 2 Nm. The tabs on the connection panel cover must be flush with the enclosing housing. Only then will the device be properly sealed.



2) Hook in the housing cover at the top **1** and close it at the bottom **2**. The housing cover must glide into the guides without considerable resistance. The housing cover must be correctly seated in the housing guide on all sides.

3) Fix the housing cover **1** with 2 screws at the bottom.

4) Check that the charging station is functioning properly.

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