


# Installations- und Konfigurationsanleitung — go-e Charger Gemini flex

Version:2025.3.1

## Table of Contents

**1. Introduction** **2**

1.1. Legal provisions . . . . . 2

1.2. Qualification of the installing electrician . . . . . 2

**2. Commissioning** **3**

2.1. Ethernet connection . . . . . 4

2.2. Assigning an IP address via DHCP . . . . . 4

2.3. Configuration . . . . . 4

2.4. Updating the charging station firmware . . . . . 13

**3. Install FEMS App go-e lesend** **14**

3.1. Installation wizard . . . . . 14

**4. Contact us** **15**

**5. Directories** **16**

5.1. List of illustrations . . . . . 16

# 1. Introduction

## 1.1. Legal provisions

The information contained in these documents is the property of Heckert Solar GmbH. Publication, in whole or in part, requires the written consent of Heckert Solar GmbH.

Subject to changes and printing errors!

## 1.2. Qualification of the installing electrician

A qualified electrician is a person who has the necessary experience and training:

- Setting up, switching on, switching off, disconnecting, short-circuiting and repairing circuits and devices
- Standard maintenance and use of protective devices in accordance with current safety standards
- First aid/emergency care
- Current knowledge of local regulations, standards and guidelines

## 2. Commissioning



To install the go-e Charger Gemini Flex charging station, please follow the instructions at go-e Charger Gemini Flex (11 kW/22 kW) Installation and Operating Instructions

This quick guide refers to the original user manuals.
It serves as an installation aid for qualified electricians in the area of communication interfaces, but is not a substitute for studying the user manuals.

Install the go-e Charger Gemini flex charging station according to the installation instructions provided by go-e GmbH.

Please note that the site conditions of go-e GmbH apply.

Follow the instructions for the power supply for the go-e Charger Gemini flex charging station.

## 2.1. Ethernet connection

The go-e Charger Gemini flex has a Wi-Fi network interface and is connected to the FENECON Energy Management System. Please follow the steps below.

Please note that go-e Charger Gemini flex has a Wi-Fi communication interface (802.11b/g/n, 2.4 GHz). Set your Wi-Fi to a frequency of 2.4 GHz (channels 1–13 with the 2412–2472 MHz frequency band).

In a network, IP addresses are typically assigned automatically via DHCP. In many cases, this is handled by the internet router, e. g. a router such as a FRITZ!Box. This can then cause communication between the FEMS and the charging station to fail. To prevent this, IP addresses can be manually assigned.

## 2.2. Assigning an IP address via DHCP

Once connected to the customer's network, the go-e Charger Gemini flex is assigned an IP address via DHCP.
This IP address can be found on the DHCP server, e. g. the router.

Please make a note of the assigned IP address. The IP address is required below to set up the FEMS App go-e lesend.

You can find the IP address of your go-e Charger Gemini flex in the *go-e Charger app* or in the device overview of your router (e. g., Fritz!Box).

## 2.3. Configuration

After installing the charging station, establish a Wi-Fi connection with EMS.

Currently, the go-e Charger Gemini flex can only be set up using the go-e Charger app.
Please download the *go-e Charger app* from the App Store or Google Play Store.

| | |
|---|---|
|  | 1. Open the go-e Home app<br>2. Click the gray "Set up go-e devices" button to set up a new go-e Charger Gemini flex. |
|  | 3. Agree to the *Terms and Conditions*. Please note the following information. |

Table 1. Home screen of the go-e Home app

Please have the enclosed reset card ready for the steps below.

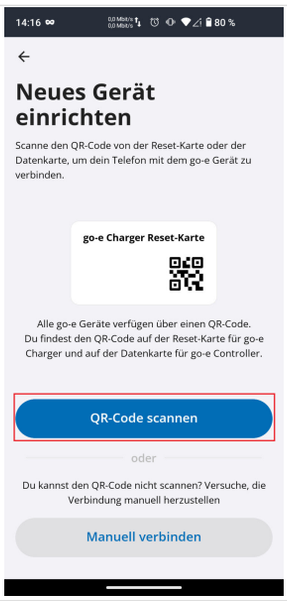
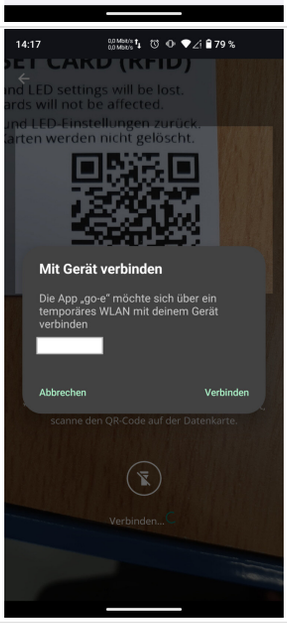
| | |
|---|---|
|  | 4. Click the blue "Scan QR Code" button and scan the QR code on the reset card.<br>Alternatively, you can manually search for the network of your go-e Charger Gemini flex charging station. To do this, click the gray "Set Up Manually" button and follow the instructions. |
|  | 5. Confirm "Connect to device".<br>You may see several go-e Charger Gemini flex devices in your vicinity. Identify your go-e Charger Gemini flex using the serial number (located on the back of the mounting plate). Click *Connect*. |

Table 2. Setup for a Hotspot Connection



If you are unable to establish a connection to your go-e Charger Gemini flex charging station, please try turning off your mobile data and disconnecting from your Wi-Fi network.

To establish a Wi-Fi connection, you must have an active hotspot connection to go-e Charger Gemini flex.

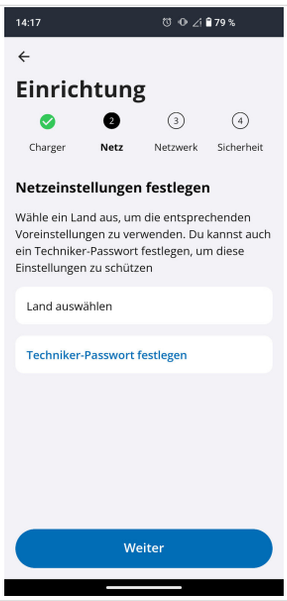
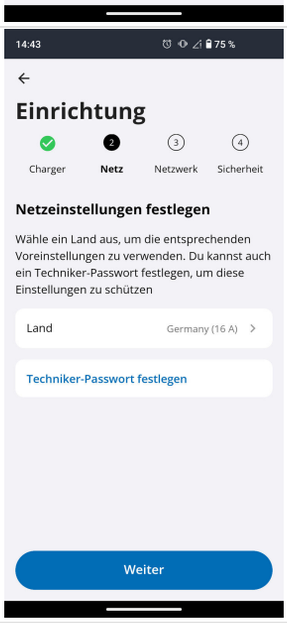
| | |
|---|---|
|  | 6. Once you have successfully established a connection to the hotspot, you can set up an installer account. |
|  | 7. Select your country to access the appropriate default settings.<br>(+) You can optionally set a password for your technician settings.<br>Click *Next*. |

Table 3. Setup for Installer Accounts

| | |
|---|---|
|  | 8. You will see a list of various Wi-Fi servers in the area. |

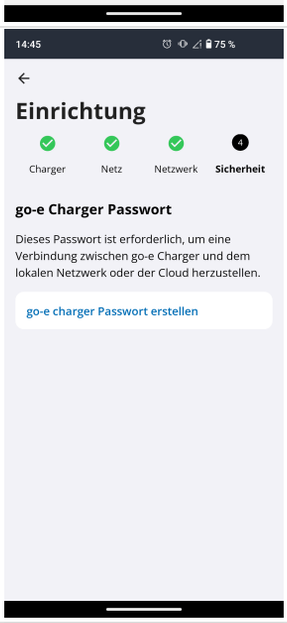
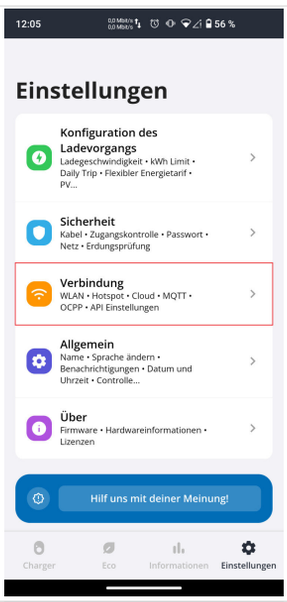
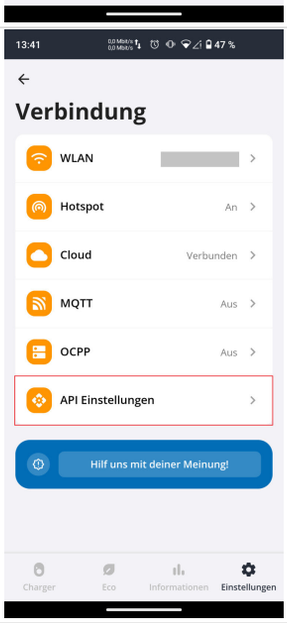
| | |
|---|---|
|  | 9. Select your Wi-Fi network. You may be asked for your Wi-Fi password. |
|  | 10. You can then set up a password for your go-e Charger Gemini flex charging station. |
|  | 11. You've done it! You have successfully completed the electrical commissioning. |

Table 4. Network Connection Setup

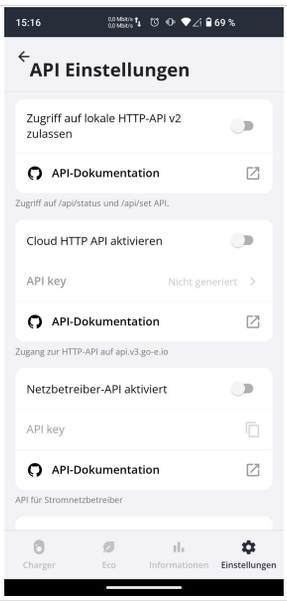
The FEMS App go-e lesend uses HTTP/2.
For the go-e Charger Gemini flex charging station, HTTP/2 must be enabled in the advanced settings.



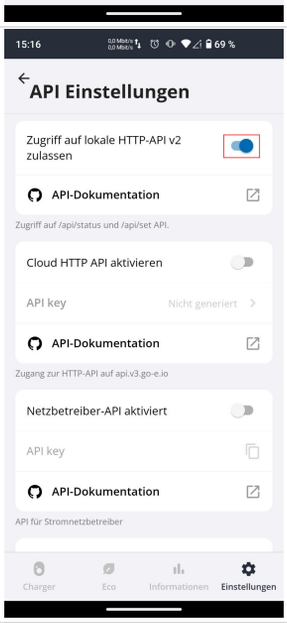

12. To do this, please open the Settings in the go-e Home app.
    Select the *Connections* tab.



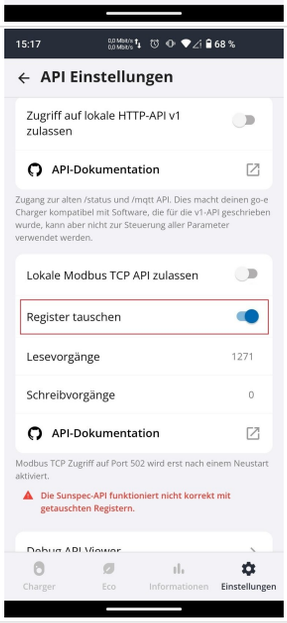

13. In the *Connections* tab, open the *API Settings* sub-settings.



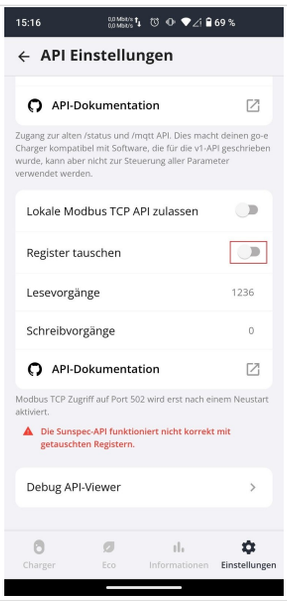

14. You will see various API settings.



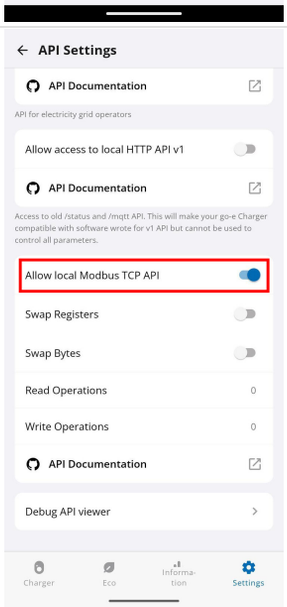

15. Enable *Allow access to local HTTP API v2*.




16. Caution: *Swap Registers* will be activated at the same time. Please scroll to the bottom of the page.

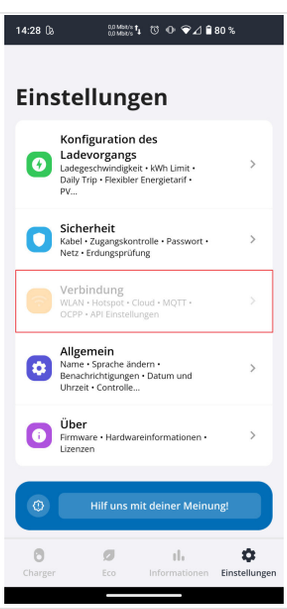



17. Uncheck *Swap Registers*.




18. Enable *Allow Local Modbus TCP API*.

Table 5. Configuration of the go-e Charger Gemini flex




18. Go to *Settings* ⋮ and select the *Connections* tab.

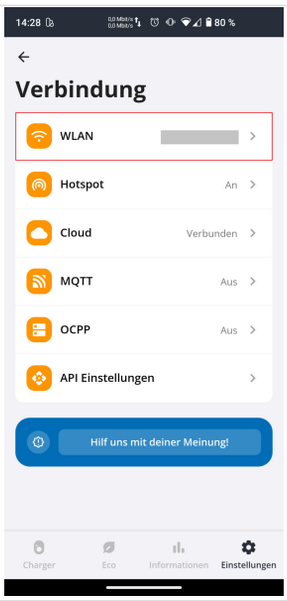
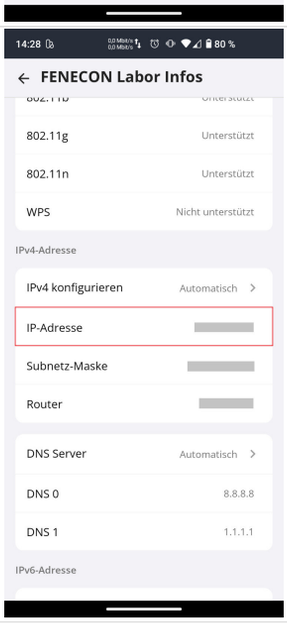
| | |
|---|---|
|  | 19. Select the "Wi-Fi" tab. |
|  | 20. On the "Wi-Fi" settings page, select the correct Wi-Fi router under *Configured Networks*. |
|  | 21. You will then see a list of all configured devices (here: go-e Charger Gemini flex) along with their respective IP addresses. |

Table 6. Read the IP address using the *go-e Home app*

Please make a note of the assigned IP address. The IP address is required below to set up the FEMS App go-e lesend.

## 2.4. Updating the charging station firmware

To ensure that you can take full advantage of the charging station’s latest features, we recommend always using the latest firmware.

The latest software updates will automatically appear when you open the go-e Home app.

| | |
|---|---|
|  | 1. In the "Update Available" pop-up window, click "Update." |

Table 7. Software update of the go-e Charger Gemini flex

# 3. Install FEMS App go-e lesend

In the FEMS App Center, you'll find all installable FEMS Apps—such as FEMS App go-e lesend.

The user manual FEMS App Center provides detailed instructions on how to use the FEMS App Center. It also explains how to register and redeem a license key.

Then follow the instructions in the FEMS App installation wizard on your go-e Charger Gemini flex.

## 3.1. Installation wizard

You will then be taken to the installation wizard for FEMS App go-e lesend.




Image 1. App installation — Variant 2: Step 7

Some of the input fields are pre-filled. Nevertheless, enter your data if it differs from the default values (e. g. IP address). Otherwise, the default values can be retained (e. g. port, Modbus unit ID).

Mandatory fields are marked with *

Check your entries and make sure that they are correct. Otherwise the respective app will not work properly!

Then click on "Install app".




Image 2. App installation — Variant 2: Step 9

Once the installation process is complete, the new app appears in the overview of the FEMS App Center in the "Installed" category.

The FEMS App go-e lesend has been successfully installed.

## 4. Contact us

For support, please contact:

Symphon-E Service

Service phone: +49 (0) 371 45 85 68 - 100

E-mail service: symphon-e@heckert-solar.com

# 5. Directories

## 5.1. List of illustrations

Image 1. App installation — Variant 2: Step 7
Image 2. App installation — Variant 2: Step 9