

How to connect go-e Charger Gemini flex with Reduxi controller

Connect your go-e Charger Gemini flex to the Reduxi Controller via Wi-Fi and OCPP. Reduxi can reduce your electricity bill by 70%.

🔧 go-e Charger Gemini flex · Reduxi Controller

🌐 Wi-Fi · OCPP 1.6 JSON

🏠 Device identifier of your choice

go-e



go-e Charger Gemini flex

Text description of this image

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1 Technical documentation

Manufacturer documents for the go-e charger:

- [Datasheet go-e Charger Gemini flex \(Dutch\)](#) – Technical data of the 11 kW and 22 kW variants.
- [go-e Charger Gemini flex product page](#) – Product information from go-e.
- [go-e manuals and downloads](#) – Index of go-e manuals.

2 Required equipment

You need:

- ☐ Reduxi Controller
- ☐ go-e Charger Gemini flex, installed and connected to the power supply
- ☐ go-e reset card (included with the charger)
- ☐ Smartphone with the go-e app (iOS or Android)
- ☐ Wi-Fi network that both the Reduxi Controller and the go-e Charger can join
- ☐ Laptop or tablet with internet access to configure the device in Reduxi

3 Install the go-e app

Use the QR codes or the links to install the app.

3.1 iOS



QR code: Apple App Store

Text description of this image

Apple App Store: <https://apps.apple.com/sg/app/go-e/id1287123220>

3.2 Android



QR code: Google Play Store

Text description of this image

4 Configure the go-e charger

After the charger is installed and connected to the power supply, set it up in the app and connect it to your Wi-Fi network.

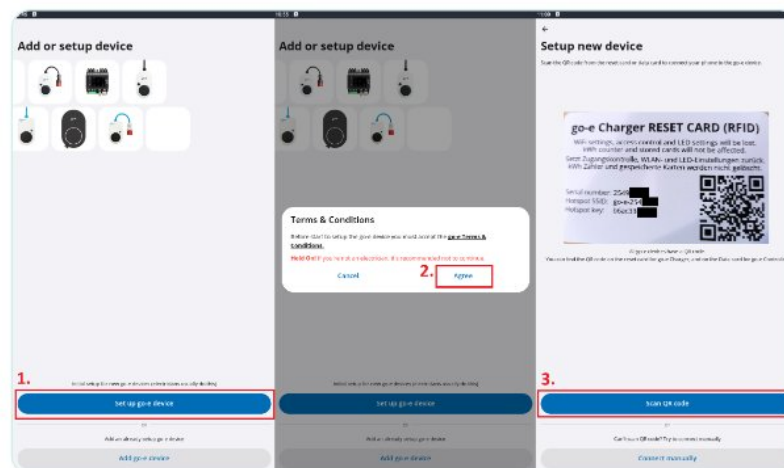


Charger already set up

If the charger is already connected to the app and your Wi-Fi network, continue at [Point 6](#).

4.1 Connect a new go-e Charger

- 1 Start the initial setup**
Start the app and select **Initial setup for new go-e Charger**.
- 2 Accept the terms**
Agree to the **terms & conditions**.
- 3 Scan the QR code**
Add the device by **scanning the QR code**. You need the **go-e reset card** that is included with the device.



go-e reset card

1. Text description of this image

Screenshot of three go-e app screens (Android phone), left to right. Screen 1 (time 10:45), title Add or setup device; grid of go-e device pictures (wallbox chargers with cables, a DIN-rail controller with

4 Enter the hotspot password

Enter and confirm the **password** for the hotspot. It is printed on the **go-e reset card**.

- 5 Select the country**
Enter your **country** and press continue.
- 6 Technician password (optional)**
Optionally assign a technician password to protect the configuration against unauthorized access.
- 7 Select the Wi-Fi network**
Select the Wi-Fi network to which the **Reduxi Controller** and the **go-e Charger** are to be connected.
If the network is not displayed, enter the **network name manually**.
- 8 Confirm the settings**
Enter the network password and **confirm** the settings.
- 9 Set a charger password**
Choose a **password** for the charging station. The configuration is complete.
- 10 Disconnect the hotspot**
Disconnect the hotspot connection to the charger. Switch your smartphone to a Wi-Fi connection to control the charger remotely.

5 Log in to the Reduxi web interface

You can open the Reduxi web interface in two ways:



Reduxi app

Via tunnel connection · works from anywhere

REMOTE



Web browser

In the local network · via IP address or `reduxi.local`

5.1 Via the Reduxi app

- 1 Open the app and log in**
Launch the Reduxi app on your smartphone or tablet and log in with your credentials.

2 Open Reduxi devices

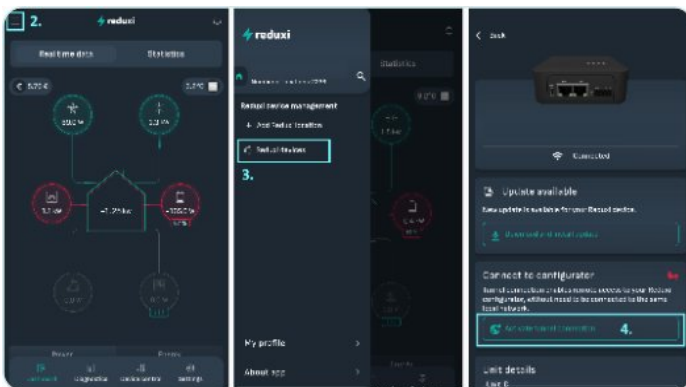
Tap the menu icon (three lines, top left) and select **Reduxi devices**.

3 Activate the tunnel connection

Switch on the tunnel connection and wait a moment until it is active.

4 Open the configurator

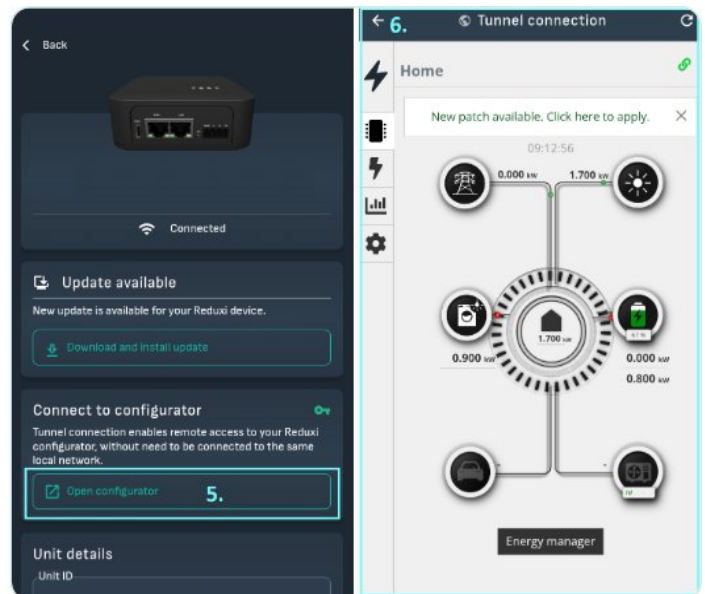
Tap **Open configurator**. The Reduxi web interface opens.



Activate the tunnel connection (step 3)

Text description of this image

Screenshot of three Reduxi mobile app screens side by side, with cyan boxes and number badges 2 to 4. Left screen (dashboard, dark theme): menu icon at top left marked with a box and badge 2; 'reduxi' logo; tabs 'Real time data' (active) and 'Statistics'; price 5.79



Open configurator (step 4)

Text description of this image

5.2 Via a web browser

1 Open the login page

On a device in the same network, open a web browser and enter the controller's IP address or `http://reduxi.local`. You can find the controller's IP address in your router's device list or in the Reduxi app under **Reduxi devices**.

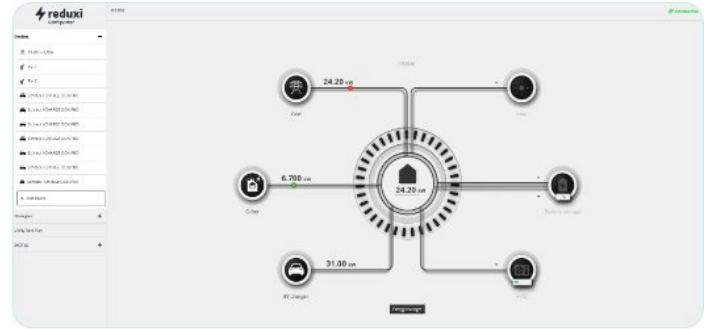
2 Log in

Username: `admin` · Password: `admin` (factory default)



Reduxi Controller login screen

Text description of this image



Controller web interface after login

2. Text description of this image

Screenshot of the Reduxi Configurator web interface

6 Add the charger to Reduxi

Create the OCPP configuration between the go-e Charger and the Reduxi Controller.

6.1 Basic settings

Log in to the local [Reduxi Configurator](#) (see [Point 5](#)) and click **+ Add device**.

reduxi[⚡]

CONFIGURATOR

Devices



Strategies



+ Add device

+ Add strategy

Settings

Profile

The Add device button

Text description of this image

In the first step, select the basic settings:

- Device type: **EV charger**
- Type: **OCPP 1.6 - JSON**
- Name: a name of your choice

1 Basic settings

2 Communication channel

Basic settings

Device type *

EV charger

Type *

OCPP 1.6 - JSON

Name *

go-e Charger

Back

Next

Basic settings: device type, type and name

Text description of this image

6.2 Communication settings

The second step sets the communication channel for OCPP. Define the **Device identifier** (your choice). The Reduxi Controller generates the URL for OCPP JSON 1.6 automatically. Add **/Device ID** at the end of this URL.

PARAMETER	VALUE
Device identifier	A name of your choice, for example my_station_ID1
Controller OCPP JSON 1.6 URL	Generated by the controller, shown at the bottom of the page. Add /Device ID at the end. Example: ws://192.168.1.200/ocpp/1.6/json/my_station_ID1

Communication channel and device configuration

Device identifier *

my_station_ID1

Connector *

1

Charger type *

AC

Energy counter

Default

Allocate power to EVSE when EV is not connected to EVSE

Default

Per phase max. current *

Manual override

Per phase max. current manual override

32

In effect when manual override is selected

Forward communication to backend OCPP server

Allow new charging session

Always

Controller OCPP JSON 1.6 URL

ws://192.168.1.200/ocpp/1.6/json

Back

Test communication

Next

Communication settings: Device identifier and OCPP URL

Text description of this image

You need the IP address, the path and the Device identifier in [Point 7](#).

7 Configure OCPP in the go-e app

Paste the OCPP data of the Reduxi Controller into the OCPP settings of the go-e app.

1 Open the settings

Select **Settings** in the bottom menu on the home screen of the go-e app.

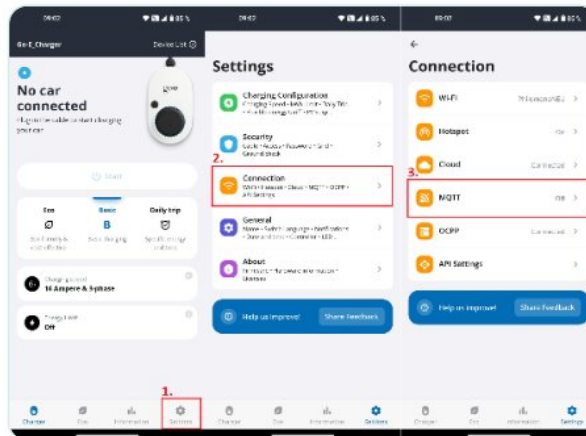
2 Open the connection menu

Select the **Connection** menu.

3

Open MQTT

In the submenu click **MQTT**.



Connection – MQTT

1. Text description of this image

Screenshot of three screens of the go-e app (Android phone, status bar 09:02, battery 85 %), left to right. Screen 1 (Charger tab): header Go-e Charger with Device List; text No car connected; Plug in

4

Enable OCPP

In the MQTT menu **check the box** next to **OCPP**.

5

Open the OCPP settings

Select the **settings for OCPP**.

6

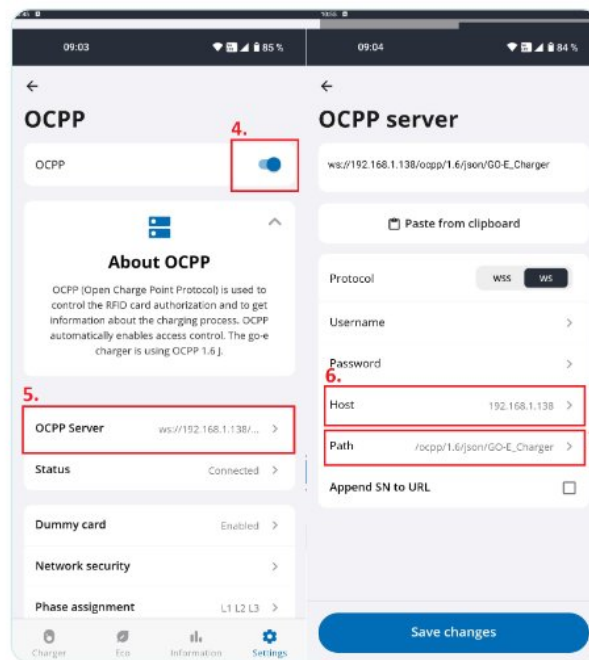
Enter the host

For **Host** enter the **IP address** of the Reduxi Controller, shown in **Point 6** in the bottom tab. Example:
192.168.1.138

7

Enter the path

Enter the **path** shown in Point 6.2 in the bottom tab. Add the exact **name of the device** from the first line of Point 6.2. Example: `/ocpp/1.6/json/my_station_ID1`



OCPP settings: host and path

1. Text description of this image

Screenshot of two screens of the go-e app (Android phone), left to right. Screen 1 (OCPP, time 09:03, battery 85 %): back arrow and title OCPP; toggle OCPP: on (marked with a red 4.); section About

8

Save

Save the settings and go back to the Reduxi Controller for the test.

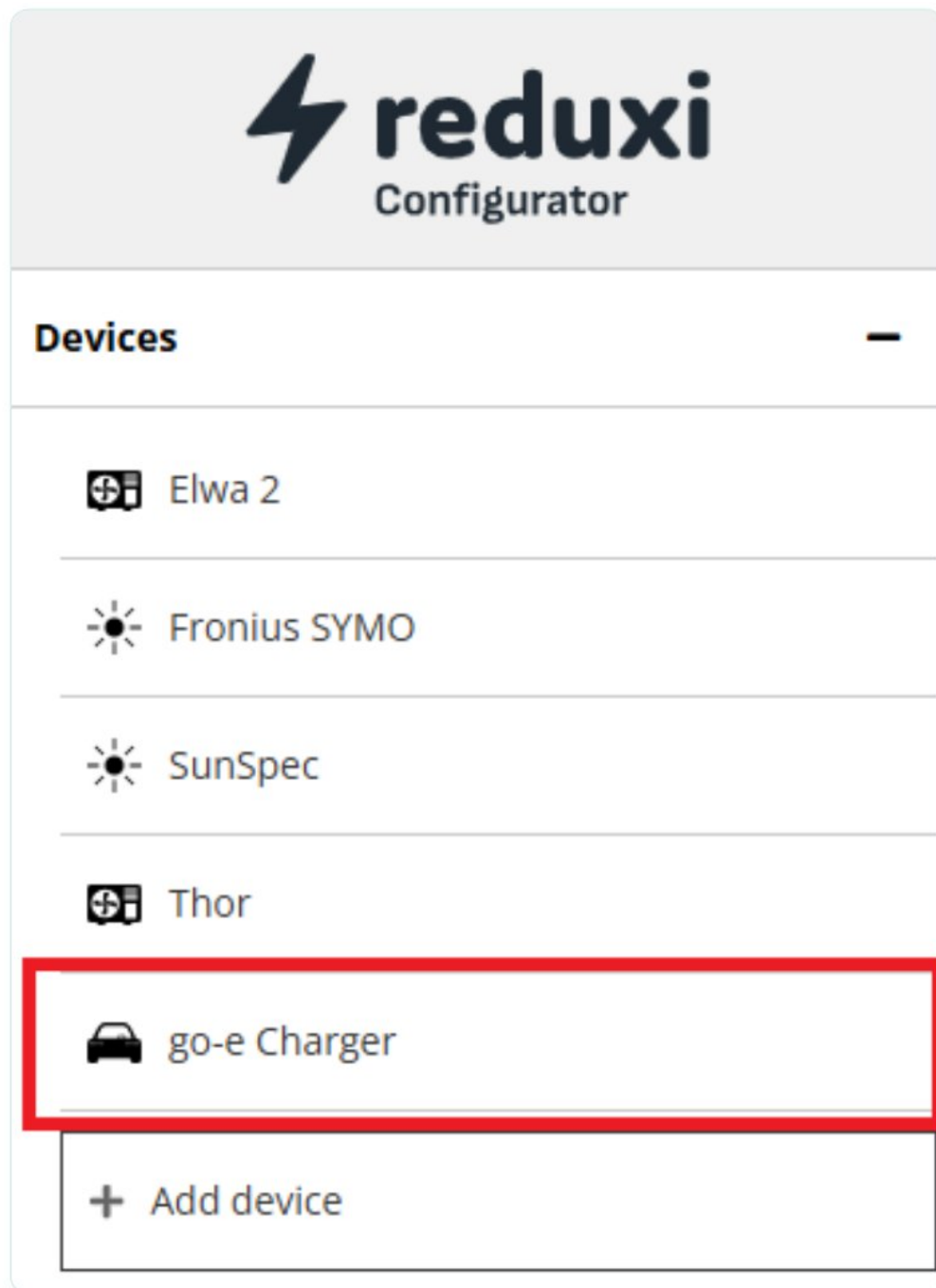
8

Test communication

Click **Done** in the wizard if you have not done so yet: only **Done** creates the device. Then run the communication test.

1**Select the charger**

In the main menu of the Reduxi Controller select the charging station.



Select the charging station

1. Text description of this image

Screenshot of the Reduxi Configurator device list. Header: redux logo with the text Configurator. Section Devices (minus icon). Entries: Elwa 2 (heat pump icon); Fronius SYMO (sun icon); SunSpec

2

Open the Details tab

Select the **Details** tab in the top menu and scroll down to the bottom.

The **Details** tab

1. Text description of this image

Screenshot of the Reduxi device page "Devices / go-e Charger" with a green "Connected" status at top right. Tabs: Last measurements, Analyze, Archive, Details; the Details tab is selected and marked

3

Start the test

Press the **Test communication** button.

The **Test communication** button

1. Text description of this image

Screenshot of the lower part of a device Details tab in the Reduxi Configurator. Visible fields: a dropdown (empty, cut off at the top); Allow new charging session: Always; Controller OCPP JSON 1.6

The test returns one of three results:



Case 1: Communication is working properly

Text description of this image

Screenshot of the Reduxi Configurator dialog Test



Case 2: Unable to communicate with device 1, ID of device is not set or is different

2. Text description of this image



Case 3: No device with OCPP 1.6 communication is found

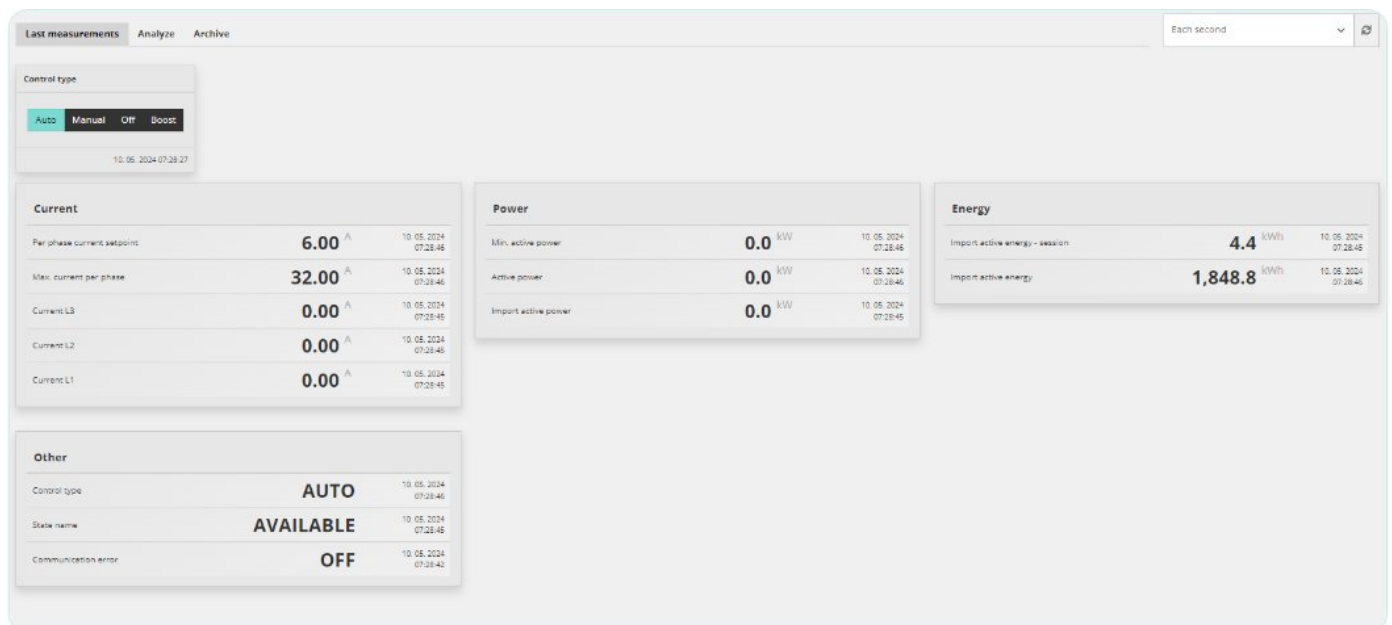
3. Text description of this image

Screenshot of a dialog titled "Test

9 Check the readings

9.1 Last measurements

After the test succeeds, check the readings under **Devices – Last measurements** in the Reduxi Configurator.



Last measurements of the charger

Text description of this image

9.2 Monitor and control

After the device is added in the Reduxi Configurator, monitor and control it in the **Reduxi cloud application**.

To control charging with dynamic prices and dynamic tariffs, set the **control type** of the charger to **AUTO** under **Devices** and define a strategy as described in [Strategies for Reduxi controller](#).

✓ Summary

Preparation (Points 1–4): Collect the documents and equipment, install the go-e app and connect the charger to the Wi-Fi network of the controller.

go-e charger (Point 7): Enable OCPP in the go-e app and enter the host and the path of the Reduxi Controller.

Add to Reduxi (Points 5–6, 8): Log in, add an OCPP 1.6 – JSON device, define the Device identifier and run Test communication.

Go live (Point 9): Check the last measurements and set the control type to AUTO.

→ Common issues

ISSUE	SOLUTION
Test communication: Unable to communicate with device 1	The Device identifier is not set or differs. The name at the end of the path in the go-e app must match the Device identifier exactly (Point 6.2, Point 7).
Test communication: No device with OCPP 1.6 communication is found	Check that OCPP is enabled in the go-e app and that host and path are correct (Point 7). The charger and the controller must be in the same Wi-Fi network (Point 4.1).
Open configurator does not open or stays empty	The tunnel is not active yet. Wait about 30 seconds and check that the controller is online.
Login with <code>admin</code> is rejected	The password was changed during installation. Ask the installer. The Reduxi account password does not work here.
<code>reduxi.local</code> does not load	Your device is not in the same network as the controller. Use the IP address or the tunnel connection.
Communication test fails, device shows offline	Check reachability, IP address / port / unit ID, and that the protocol is enabled on the device.

→ Related articles

Matching guides from the Reduxi knowledge base:



go-e Charger Gemini flex product page

Product information and downloads from go-e.



Device setup guides

All step-by-step guides for connecting devices to the Reduxi Controller



Strategies for the Reduxi Controller

Energy manager and other strategies explained