

How to connect Easee chargers with Reduxi controller

Integrate Easee chargers with Reduxi via Wi-Fi and the Easee platform using the OCPP protocol.
Possible cost reductions of up to 30%.



🔌 Easee charger · Reduxi Controller

🌐 Wi-Fi · Easee platform

📱 Charger ID and Charger PIN

🕒 Response time 10 s · 20 write requests per minute



Easee charger

Text description of this image

IN THIS ARTICLE

1. Technical documentation
2. Required equipment
3. Find the Charger ID and PIN
 - Easee app
 - Device or manual
4. Log in to the Reduxi web interface
 - Via the Reduxi app
 - Via a web browser
5. Add the Easee charger to Reduxi
 - Basic settings
 - Communication settings
 - Test communication
6. Check the readings
7. Summary
8. Common issues
9. Related articles

1 Technical documentation

Documents and apps from Easee:

- [Easee app \(Google Play\)](#) – App for Android.
- [Easee app \(App Store\)](#) – App for iOS.
- [Find the Pin and Charger ID](#) – Easee support article (Swedish).
- [Getting started with Easee chargers](#) – Easee support article with the basics.

2 Required equipment

You need:

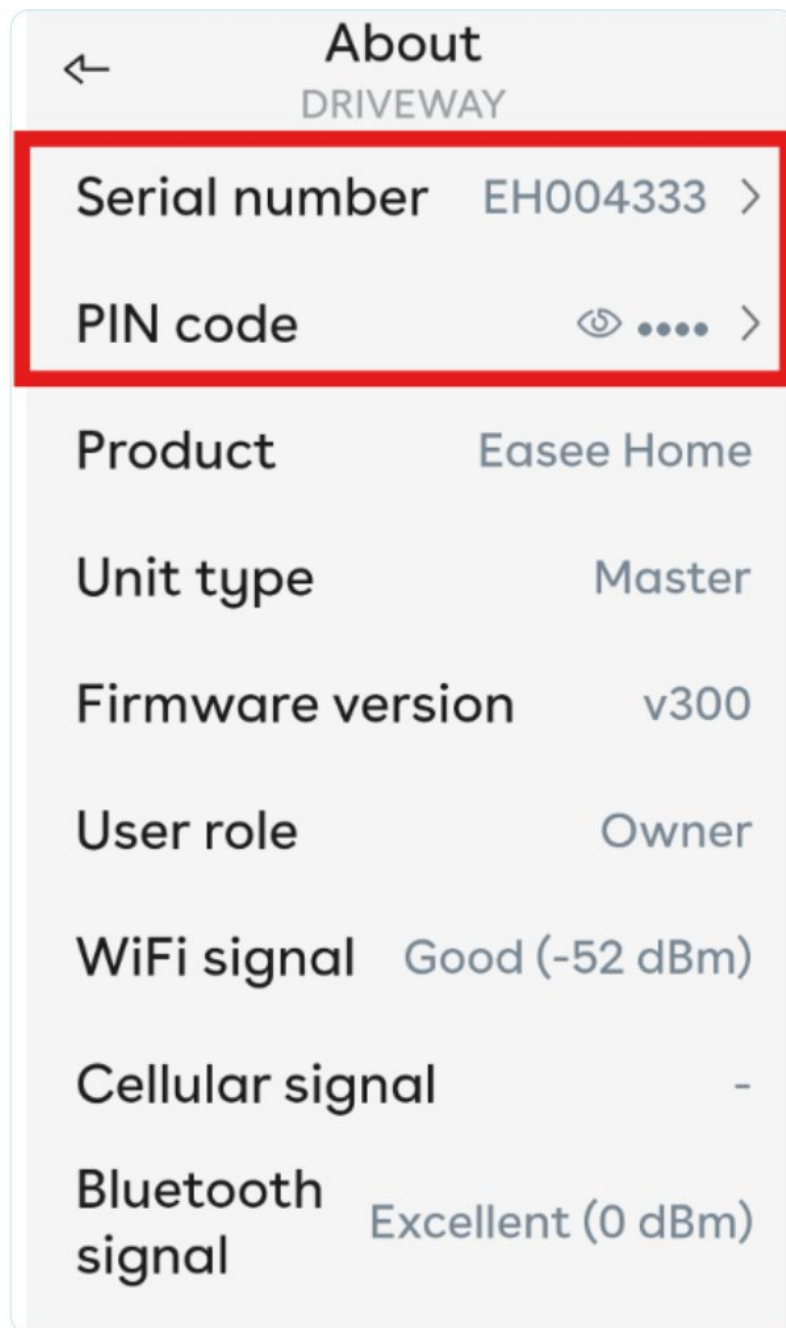
- ☐ Reduxi Controller
- ☐ Easee charger connected to the Easee platform via Wi-Fi
- ☐ **Charger ID** and **Charger PIN** of the charger (see Point 3)
- ☐ Easee app (optional, to read the Charger ID and PIN)
- ☐ Laptop or tablet with internet access to configure the device in Reduxi

3 Find the Charger ID and PIN

Reduxi needs two values to communicate with the Easee charger: the **Charger ID** and the **Charger PIN**. You find them in the Easee app or on the device itself.

3.1 Easee app

Log in to the Easee app and go to **Charger Settings**. The serial number is displayed on the **About** line. Tap the serial number for more information, including the PIN code of your charger.



Easee app: serial number and PIN

Text description of this image

If the charger is not listed in the app yet, add it:

1

Add the product

Press **Products**, then **Add**, and select **Charging Robot**.

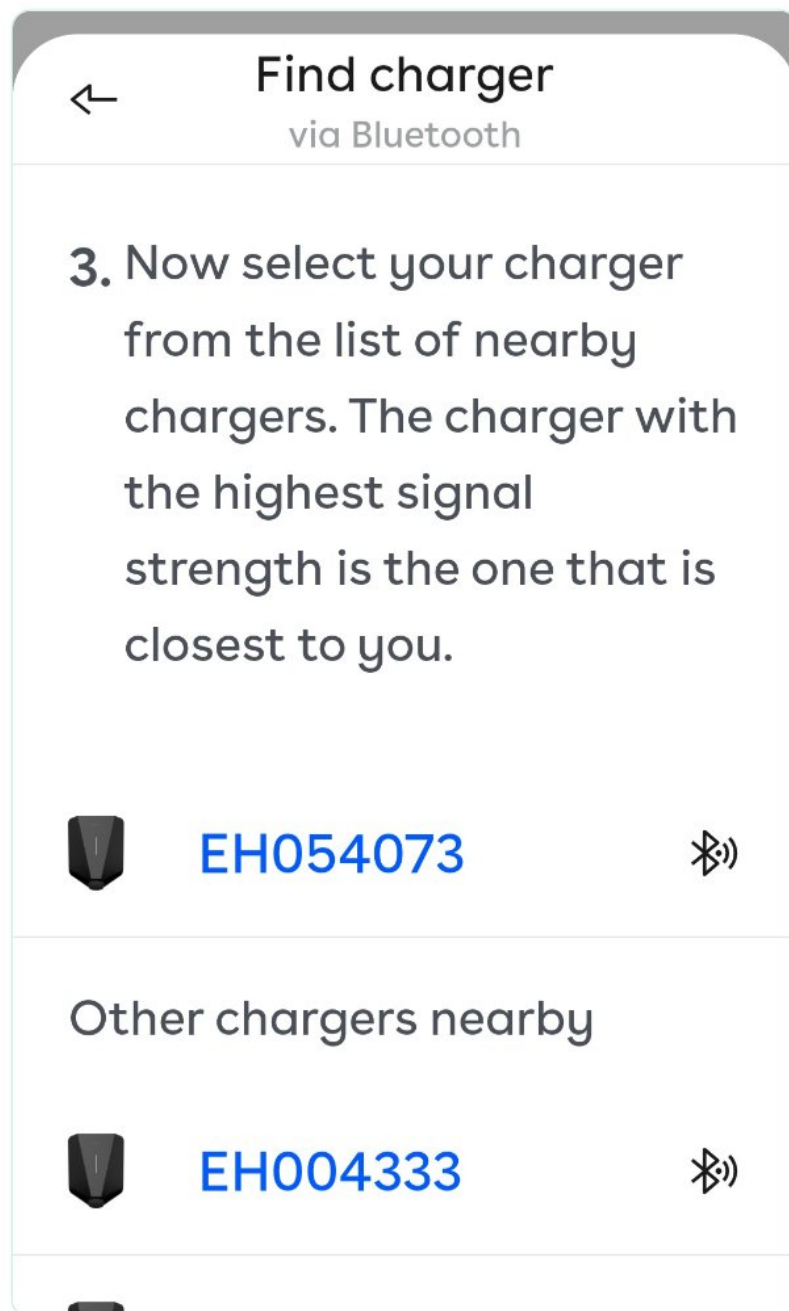
2

Activate Bluetooth

Press the **touch button on the charger** for at least **5 seconds**. This disconnects all users connected via Bluetooth. The LED turns blue and emits a short sound. If Bluetooth is already enabled, the LED turns white. If the LED is green, update the firmware of the charger.

Select the charger

When Bluetooth is detected, the app shows a list of local chargers with Bluetooth.



Easee app: local chargers with Bluetooth

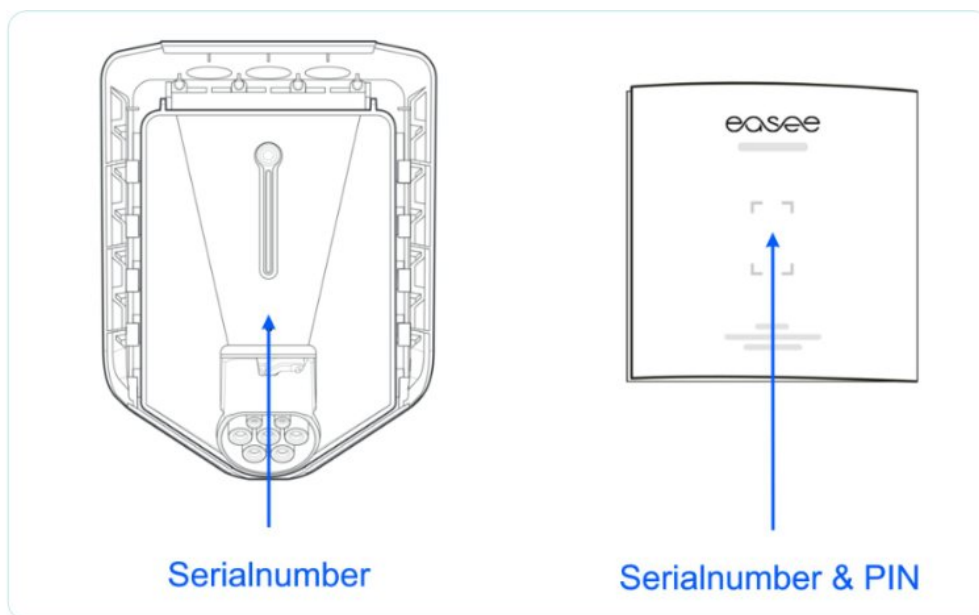
1. Text description of this image

Tall phone screenshot of the Easee app screen 'Find charger via Bluetooth' with a back arrow at top left. Instruction text: '3. Now select your charger from the list of nearby chargers. The charger with

3.2 Find the values on the device or in the manual

If the charger is not added to the app, you find the serial number and the PIN on the device or in the printed manual.

- On the device: remove the front cover to access the Chargeberry. The serial number is located above the Type 2 connector.
- In the manual: the serial number and the PIN code are on a **sticker on the back of the manual**.
- The installer may have placed the sticker **inside the fuse box door or directly on the charger**.



Location of the serial number and PIN

Text description of this image

4 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 reduxि.local
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4.1 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

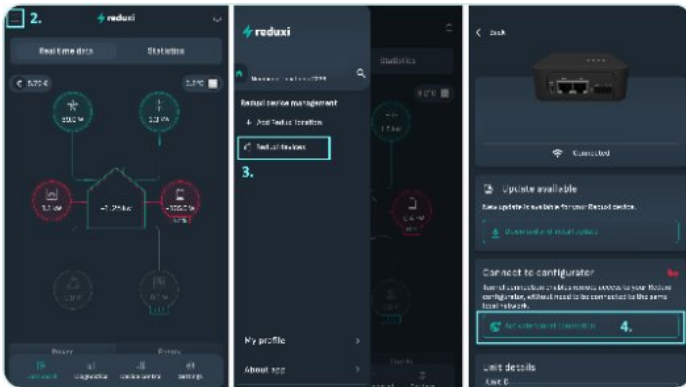
Tap the menu icon (three lines, top left) and select **Reduxi devices**.

3 Activate the tunnel connection

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

4 Open the configurator

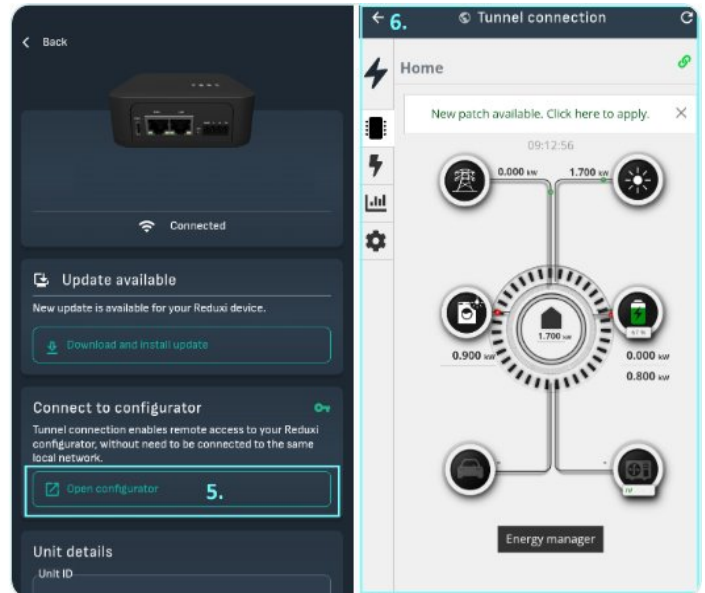
Tap **Open configurator**. The Reduxi web interface opens.



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)

2. Text description of this image

4.2 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**.

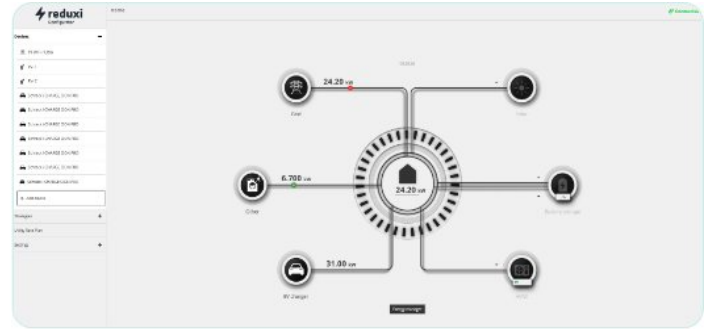
2 Log in

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

5 Add the Easee charger to Reduxi

5.1 Basic settings

Log in to the local [Reduxi Configurator](#) (see [Point 4](#)) 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: **Easee**
- Name: the model of the charger

The screenshot shows a configuration interface with two steps. Step 1, 'Basic settings', is active and highlighted with a black circle containing the number 1. Step 2, 'Communication channel', is shown as a greyed-out option with a grey circle containing the number 2. The 'Basic settings' form is a light grey box with a shadow. It contains three fields: 'Device type *' is a dropdown menu with 'EV charger' selected; 'Type *' is a dropdown menu with 'Easee' selected; 'Name *' is a text input field with 'Easee' entered. At the bottom left of the form is a 'Back' button, and at the bottom right is a 'Next' button.

Basic settings: device type, type and name

Text description of this image

5.2 Communication settings

Enter the Charger ID and the Charger PIN from [Point 3](#), then click **Done**.

PARAMETER	VALUE
Charger ID	Serial number of the Easee charger
Charger PIN	PIN code of the Easee charger

1

Basic settings

2

Communication channel

Communication channel and device configuration

There are no available connections.

Charger ID *

Charger ID or serial obtained on <https://portal.easee.com/> under "Sites -> Products -> Info -> Serial number"

Charger PIN *

Back

Done

Communication settings: Charger ID and Charger PIN

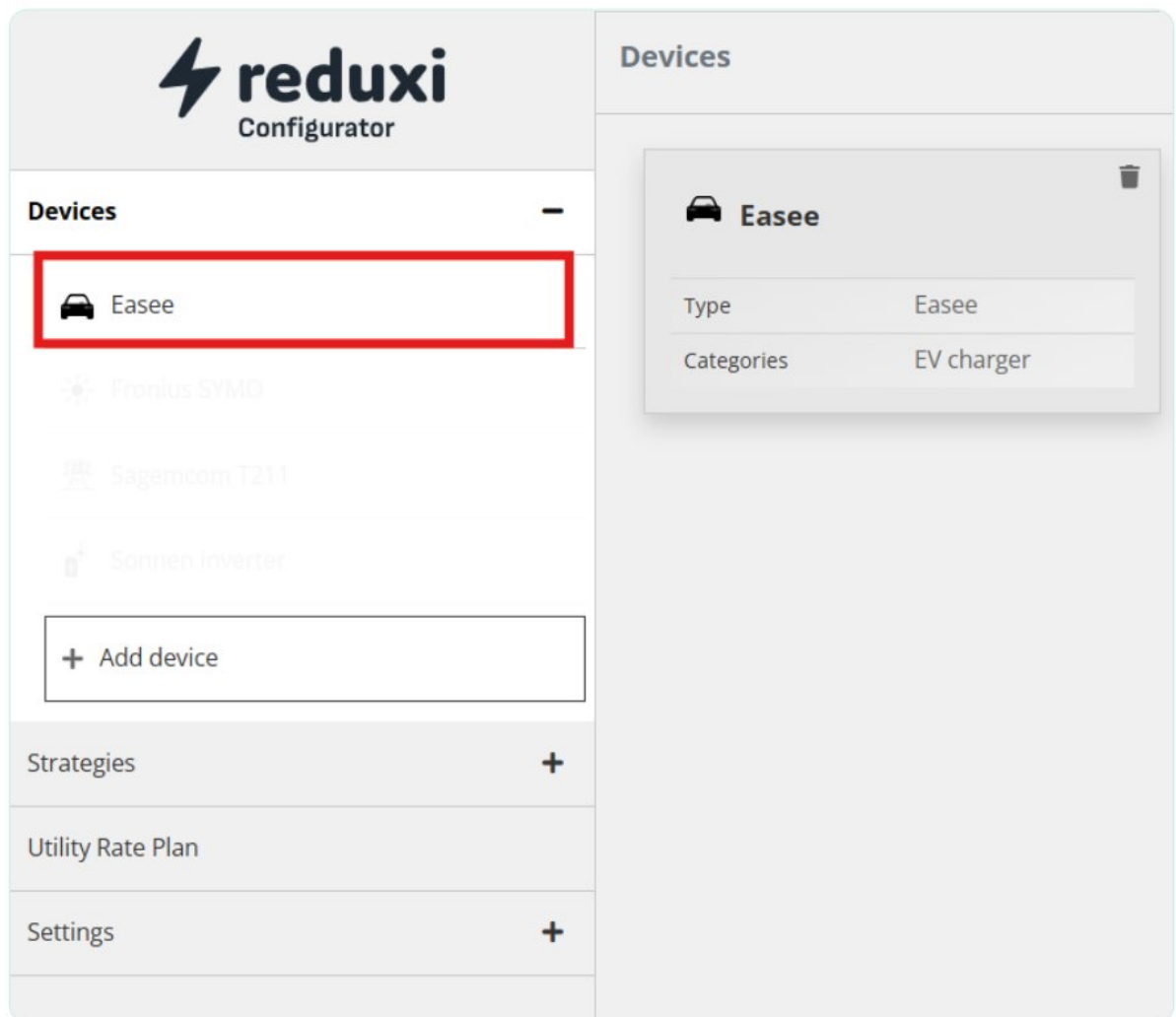
Text description of this image

5.3 Test communication

1

Open the device

In the Reduxi Configurator go to **Devices** and click the **Easee** device.



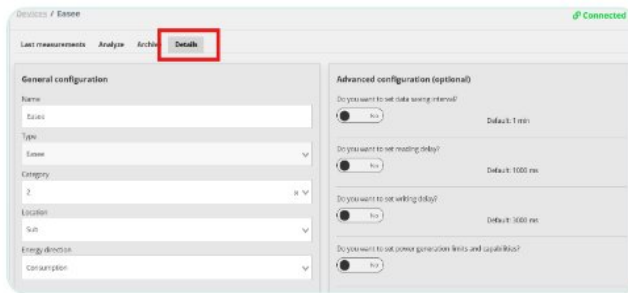
Devices – Easee

1. Text description of this image

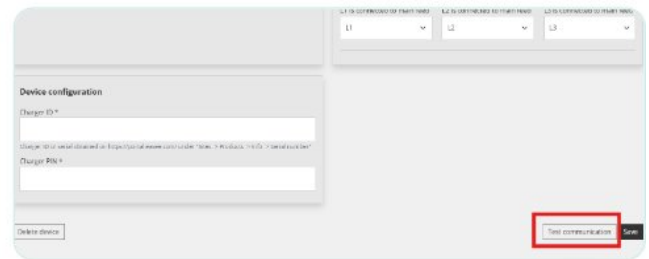
Screenshot of the Reduxi Configurator, Devices view. Left panel: reduxि Configurator logo; section Devices (expanded, minus sign) with the entry Easee (car icon, marked by a red box); further entries

Open the Details tab

Go to **Details** and scroll to the bottom of the page. The **Test communication** button is there.



The Details tab



The Test communication button

1. Text description of this image

Screenshot of the Reduxi Configurator device page. Breadcrumb: Devices / Easee. Top right:

2. Text description of this image

Screenshot of the lower part of the Reduxi Configurator device Details tab (cut off at the top). At the top right three dropdowns, partly

The test returns one of two results:



Successful readout

Text description of this image



Unsuccessful readout

2. Text description of this image

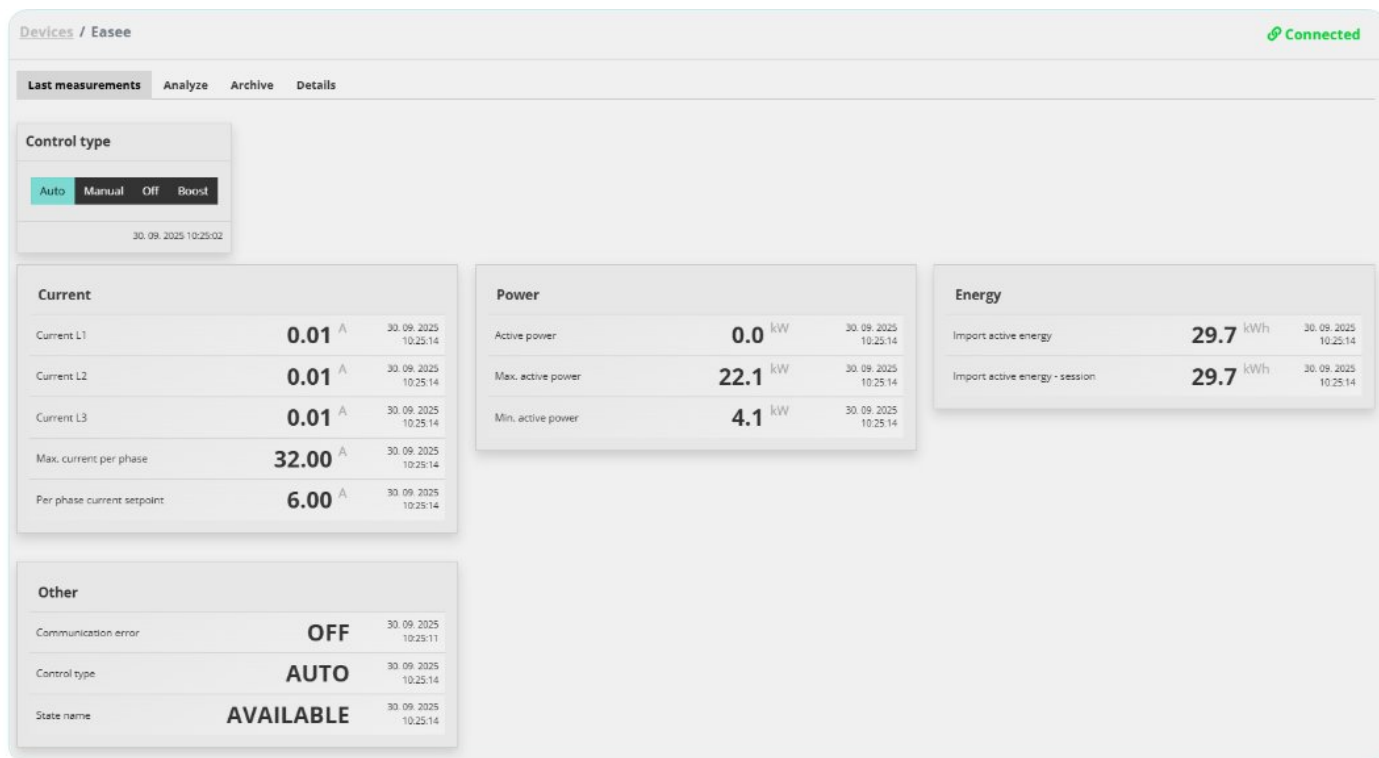
Screenshot of a dialog titled Test communication with a close X at the top right. Message in red text in a white field: Unable to communicate with device. Button at the bottom right: Close (dark).

If the readout is unsuccessful, check that the correct **Charger ID** and **Charger PIN** are entered. If the problem remains, contact the Reduxi Support Team.

6 Check the readings

6.1 Last measurements

After communication is established, check the values under **Devices – Easee** in the **Reduxi Configurator** as an additional test.



Last measurements of the Easee charger

Text description of this image

6.2 Enable control by Reduxi

For advanced charger control, integrate the device into the Reduxi strategy. Under **Devices – Easee** or **Home** in the [Reduxi Configurator](#), set the **control type** to **AUTO**. Only then do strategy commands affect the charger.

To use dynamic prices and dynamic tariffs, define a strategy as described in [Strategies for Reduxi controller](#).



Important

The response time of the charger connected to Reduxi is 10 seconds. The writing limit is 20 requests per minute through the API.

✓ Summary

Preparation (Points 1–3): Collect the apps and documents, then read the Charger ID and the Charger PIN from the Easee app, the device or the manual.

Easee charger (Point 3): The charger must be connected to the Easee platform. The Charger ID and PIN identify it.

Add to Reduxi (Points 4–5): Log in, add an EV charger of type Easee, enter Charger ID and PIN, click Done and run Test communication.

Go live (Point 6): Check the last measurements and set the control type to AUTO.

→ Common issues

ISSUE	SOLUTION
Test communication: unsuccessful readout	Check that the correct Charger ID and Charger PIN are entered (Point 5.2).
Charger is not in the Easee app	Add it as a Charging Robot and activate Bluetooth with the touch button, 5 seconds (Point 3.1).
Slow reaction to commands	The response time is 10 seconds and the API allows 20 write requests per minute (Point 6.2).
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:



Getting started with Easee chargers

Easee support article with the basics of the chargers.



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