

How to connect DELTA EV charger with Reduxi controller

Connect your Delta EV charger to the Reduxi Controller.

🔌 Delta EV charger · Reduxi Controller 🌐 Modbus



Delta AC charger (AC MAX shown)

Text description of this image

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1 Technical documentation

Instructions for connecting and configuring the charger are on the Delta web page:

- [Delta EV charging products](#) – Overview of the Delta AC and DC chargers, with links to the product pages.
- [Delta AC MAX](#) – Product page of the Delta AC MAX charger.

2 Required equipment

You need:

- ☐ Reduxi Controller
- ☐ Delta EV charger
- ☐ Connection between the charger and the Reduxi Controller, as described in the Delta instructions
- ☐ Laptop or tablet with internet access to configure the device in Reduxi

3 Connect and configure the Delta charger

Connect and configure the Delta charger as described in the instructions on the Delta web page (see [Point 1](#)).



Note

Reduxi connects the Delta charger via Modbus. Use the connection data of the charger in the communication settings in [Point 5](#).

4 Log in to the Reduxi web interface

You can open the Reduxi web interface in two ways:



REMOTE

Reduxi app

Via tunnel connection · works from anywhere



Web browser

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



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

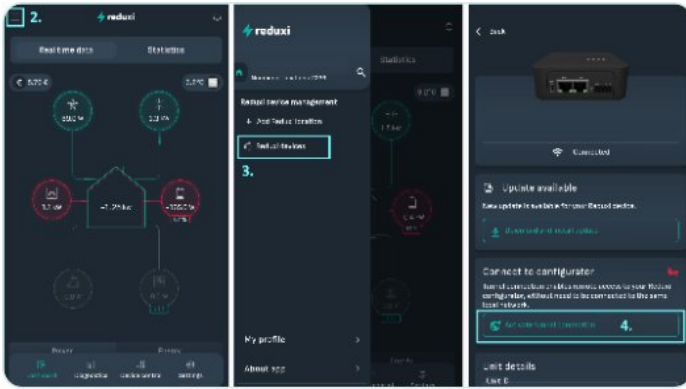
Activate the tunnel connection

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

4

Open the configurator

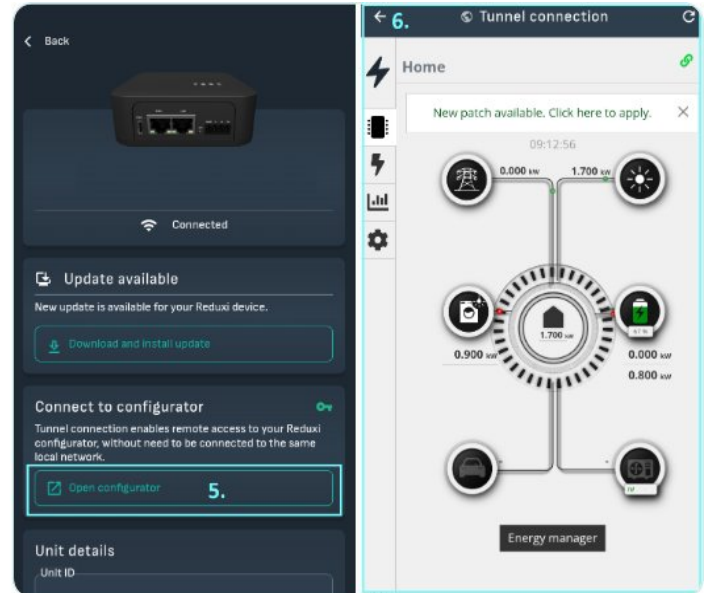
Tap **Open configurator**. The Reduxi web interface opens.



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

Screenshot of the Reduxi mobile app showing the 'Tunnel connection' screen with a 'New patch available' notification and a 'Home' button.

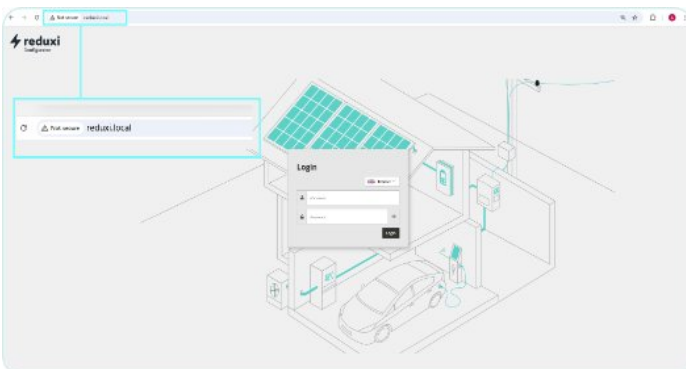
4.2 Via a web browser

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**.

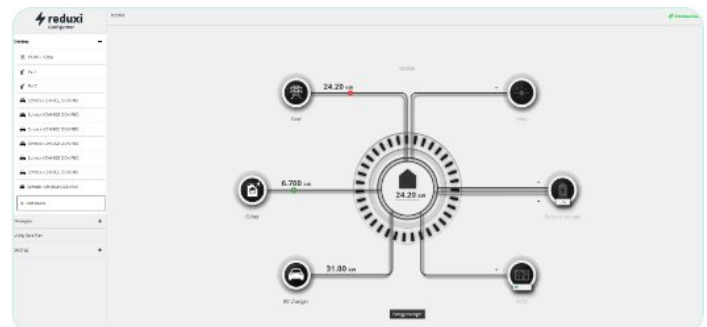
2 Log in

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 Delta charger to Reduxi

Use these steps to add a new Delta charger or to edit an existing one.

5.1 Basic settings

Log in locally to the [Reduxi Configurator](#) (see [Point 4](#)) and click **+ Add device**.

In the first step, enter the basic settings of the device.

5.2 Communication settings

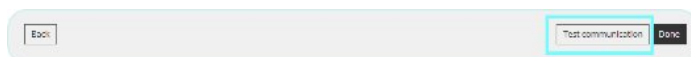
In the second step, select the communication channel.

5.3 Device configuration and advanced settings

Enter the device configuration. Select **EVSE**. Then enter and select the advanced settings.

5.4 Test communication

Click **Test communication** at the bottom of the wizard. It reads the Delta charger once and saves nothing. If the test succeeds, click **Done**: only **Done** creates the device.



The **Test communication** button

Text description of this image

Screenshot of the bottom button bar of a Reduxi Configurator page. Left: button 'Back'. Right: button 'Test communication' (marked with a cyan box) and dark button 'Done'.



The **Done** button

2. Text description of this image

6 Check the readings

6.1 Last measurements

After communication is established, check the readings of the new device under **Devices – Last measurements** in the [Reduxi Configurator](#).

6.2 Enable control by Reduxi

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

To achieve maximum flexibility and energy cost reduction with dynamic prices and dynamic tariffs, define a strategy as described in [Strategies for Reduxi controller](#).

✓ Summary

Preparation (Points 1–2): Open the Delta instructions and collect the equipment.

Delta charger (Point 3): Connect and configure the charger as described by Delta.

Add to Reduxi (Points 4–5): Log in, click + Add device, enter basic settings, communication channel, device configuration (EVSE) and advanced settings, run Test communication and click Done.

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

→ Common issues

ISSUE	SOLUTION
Test communication fails	Check that the connection data in the communication settings match the settings of the Delta charger. Check the connection between the charger and the controller.
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:



Delta EV charging products

Delta AC and DC chargers with links to the product pages.



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