

How to set-up Reduxi Controller with Reduxi Configurator

Set up the Reduxi Controller with the Reduxi Configurator: connect, add devices, control them manually or by strategy, and manage settings and users.

🔧 Reduxi Controller · Reduxi Configurator

🌐 Open <http://reduxi.local>

🔑 Factory login: admin / admin (or as printed on the label)

📅 Configurator version after 9th May 2025



Welcome!

After initial configuration wireless access point will be disabled on the controller. We recommend you set up a static wired or wireless IP address.

Network settings

Wired network

Wireless network

Mobile network

Type

DHCP

Network information

Ethernet IP	192.168.1.200
Ethernet netmask	255.255.255.0

Grid settings

Fuse L1

16

A

Fuse L2

16

A

Fuse L3

16

A

Import power active limit

11

kW

Export power active limit

8,8

kW

Additional information

Unit ID

PMU8-KOZF-LC5C-2JEB

Location

Test location

Timezone

Europe/Ljubljana

Save configuration

Welcome screen of the Reduxi Configurator

Text description of this image

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1 Introduction

The Reduxi Configurator is a web interface used to configure the [Reduxi Controller](#).

With the Reduxi energy management system you can measure and analyse electricity consumption. Using special strategies, Reduxi enables you to optimize the use of electricity and to reduce its costs. You recognize the Reduxi Configurator by a simple interface on a bright background.

To set up and operate the Reduxi system, you need to:

- 1 Plug in the Reduxi Controller**
Plug in the controller.
- 2 Connect to the Reduxi Configurator**
[Connect to Reduxi Configurator](#) through `reduxi.local` (see the [Reduxi Controller](#) manual).
- 3 Use the additional functions**
For additional functions, connect to the application [Reduxi Cloud](#) or, preferred, download the Reduxi mobile app: [Reduxi Mobile App](#).



Version

This operating instruction describes **the new version of the Reduxi Configurator (version after 9th May 2025)**. If you do not see the same interface, update your controller.

Old manuals are available at: [Reduxi Configurator – old version, until 9th May 2025](#)



Note

Instructions for connecting the controller and instructions for using the web application are in our knowledge base: support.reduxi.eu.

2 Quick steps to connect the Reduxi Controller

As explained in the [Reduxi Controller](#) manual, do the following steps to connect to the controller and to open the Reduxi Configurator:

- Connect the AC-DC adapter to the Reduxi DC jack and plug it into a power outlet. The first top LED should turn on (green light).
- Set up the network connection (follow the instructions in [Reduxi Controller](#)).
- Open your browser and go to <http://reduxi.local>.
- You are redirected to the login page of the Reduxi Configurator.
- To log in to the Reduxi Configurator, enter the factory-set username and password:

FIELD	FACTORY VALUE
Username	admin
Password	admin (or as printed on the label)

After a successful login, we recommend changing the password of the user admin for security reasons. You can do it in your [profile](#) (see [Point 10](#)). You cannot change the username admin. However, you can create a new user with a new username.



Login fails

If the login is unsuccessful, an error message appears. Make sure you enter the correct information. Alternatively, perform a factory reset. If you still have problems with the login, contact our support: support@reduxi.eu.

3 Welcome screen of the Reduxi Configurator

The welcome screen invites the user to define the most important configurations to run the controller:

Welcome!

After initial configuration wireless access point will be disabled on the controller. We recommend you set up a static wired or wireless IP address.

Network settings

Wired network Wireless network Mobile network

Type

Network information

Ethernet IP	<u>192.168.1.200</u>
Ethernet netmask	255.255.255.0

Grid settings

Fuse L1: A
 Fuse L2: A
 Fuse L3: A

Import power active limit: kW
 Export power active limit: kW

Additional information

Unit ID

Location

Timezone

Save configuration

Welcome screen

Text description of this image

3.1 Network settings

To configure the network settings, follow the instructions in [Reduxi Controller](#).

3.2 Grid settings

The limits of your electricity grid connection are essential for the reliable operation of your devices.

Provide the following two pieces of information:

- **Rated current of the electrical fuse** – the fuse (also known as a circuit breaker) protects your electrical system from excessive current.
- **Import and export power limits**

You can find this information on your electricity bill or in a document specifying your grid connection. If you have a single-phase power supply, enter only the **L1** value.

The import and export limits are calculated automatically from the fuse rating. You can adjust them if necessary.

3.3 Name of the location and time zone

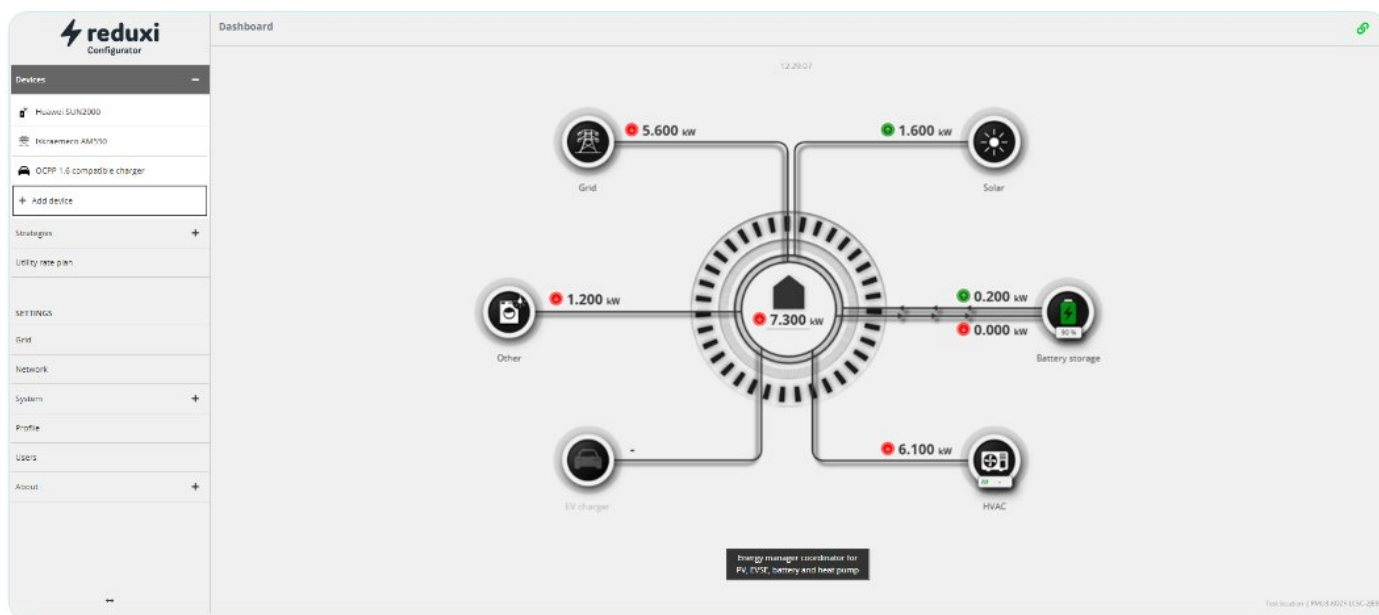
Enter a name that clearly identifies the location (for example Warehouse, Home, Site ABC) and select its time zone.

4 Main page of the Reduxi Configurator

After a successful login, you are redirected to the main page of the Reduxi Configurator. You can always return to the main page by clicking the Reduxi logo (top left).

On the main page you have access to:

- [Dashboard](#)
- [Side menu](#)
- Devices
- Strategies
- Settings (Grid, Network, etc.)



Main page

Text description of this image

4.1 Dashboard

The dashboard gives a quick overview of the power measurements for each added device category.

The time of the last measurement is shown at the top middle. It should change every few seconds if the connection to the Reduxi Controller is established.

Click a category to open the page with detailed data about the device that was first added to that category. For example, clicking the category Solar Power Plant opens the first device added in the Solar Power Plants category.

At the bottom of the dashboard you can turn a strategy on or off. Use this to switch to another strategy or to stop a strategy from controlling your devices.

4.2 Side menu

The side (left) menu gives access to:

- Devices
- Strategies
- Adding devices
- Adding strategies
- Utility rate plan (pricing plan of electricity)
- Settings

5 Devices

The dashboard on the main page gives an overview of the measurements collected by the Reduxi Controller from the connected **devices**. These devices typically include electricity meters, EV chargers, solar inverters, battery inverters and similar equipment.

Connecting devices to Reduxi with the **Add device** function is a crucial step. It enables Reduxi to read measurements from these devices and to control those that are controllable.

Before you add a device logically in the system, you must **physically connect** it to Reduxi, typically via Ethernet, Modbus, relays or other communication interfaces. Information about the physical connection of the devices is on our List of supported devices page.

In summary, the **Add device** step is the logical connection of a device to the Reduxi Controller after the physical connection has been made.

5.1 Adding devices

To add a new device, click the **Add device** button. The Add device wizard opens.



Devices



+ Add device



Strategies



Utility rate plan

SETTINGS

Grid

Network

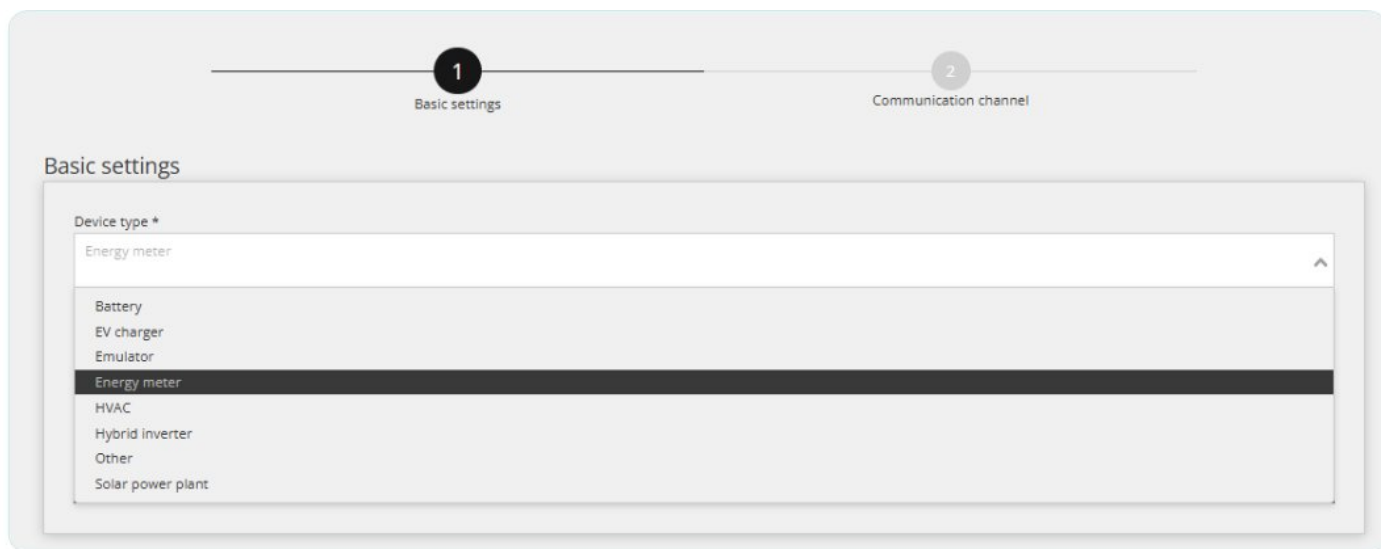


5.1.1 Step 1: Basic settings

Device type

You can choose among the following categories:

- Battery
- EV charger
- Emulator
- Energy meter
- HVAC (heating, ventilation and air conditioning, heat pump)
- Hybrid inverter
- Other
- Solar power plant



Device type selection

Text description of this image

Type

The Type field shows a list of devices with which the Reduxi Controller can communicate. The list of devices is on our website: [Supported devices](#).



HVAC (heat pump)

HVAC (heat pump) devices are mostly controlled via SG ready contacts. In this case you must use a dedicated converter, the [Reduxi Gateway](#). In the dropdown, instead of a specific type (model), enter "Reduxi meter" as the type. To configure the device, follow the producer's instructions or the information for that specific device on support.reduxi.eu.



EV charging stations

EV charging stations sometimes support the **OCPP standard**. In this case you do not need to provide a specific type (model) of the device. Select the "OCPP..." type to control an OCPP compatible EV charger. Check the producer documentation for the other settings or the help for that specific device on support.reduxi.eu.



Device not in the list

If you cannot find the device, try updating the Reduxi Controller to the latest version. See section **8.3.7 Update (Point 8)**. If you still cannot find the device you want to add to the Reduxi system, contact our support: support@reduxi.eu.

Category (advanced setting)

Usually the selected category is the same as the device type. In some cases you may want to define a different category.

The selected category does not define the operation of the device. The purpose of the Category parameter is to group (aggregate) data for measurement displays. Choose the right category for the selected device. If you choose the wrong category, your data is aggregated incorrectly.

Name

Enter any device name in the field.

Basic settings

Device type *

Energy meter

Type *

Iskraemeco AM550

Name *

Iskraemeco AM550

Back Next

Basic settings: device type, type, category and name

Text description of this image

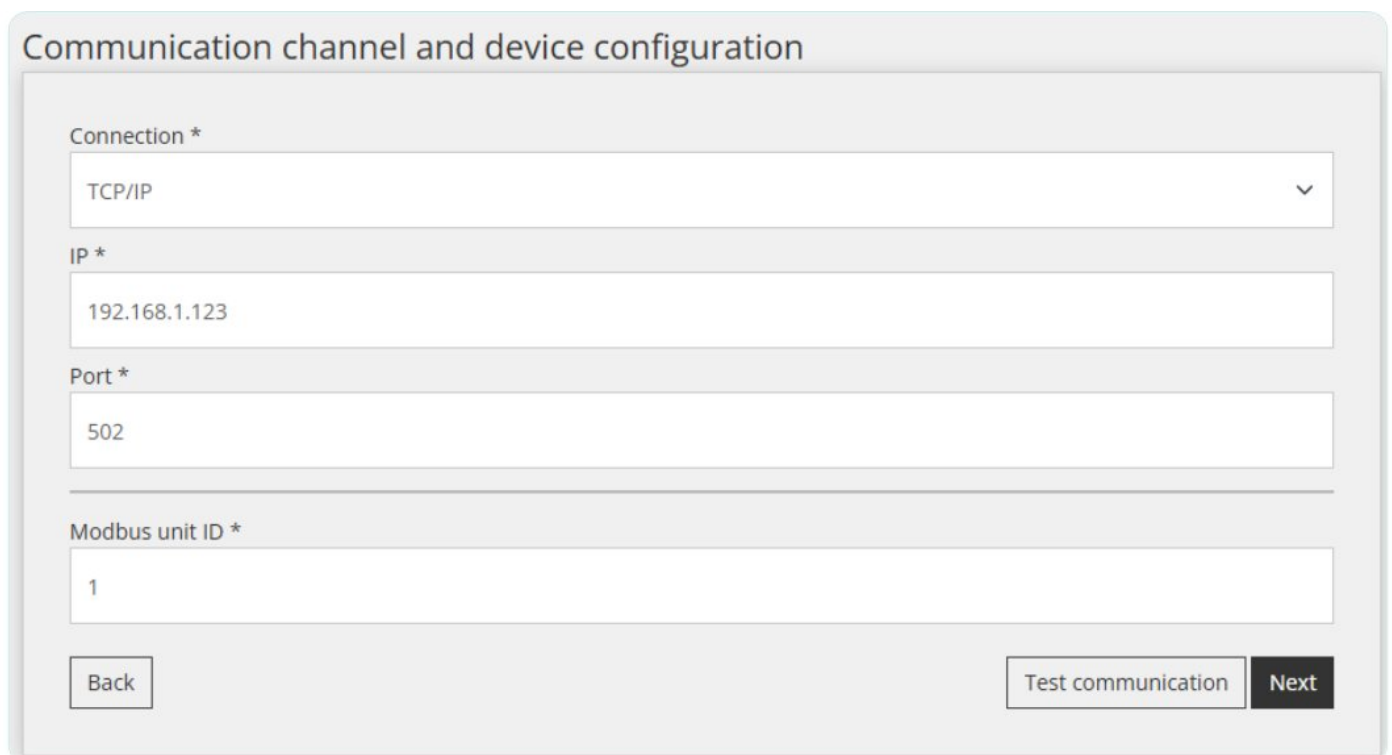
5.1.2 Step 2: Communication channel and device configuration

The Communication Channel defines how Reduxi communicates with the device. The fields are pre-filled according to the selected device type. Communication between the devices and the controller can take place via:

- TCP/IP
- Local serial port RS485 (serial communication)
- Reduxi Gateway
- UDP

The Device Configuration section appears for specific device types. Here you enter the specific information for each individual device. These fields may already be pre-filled, depending on the device type. In most cases you find this information in the manufacturer's instructions for the device you want to add. Additional help is on the Supported devices page.

After you have set all parameters correctly, click the **Test communication** button to check the connection between the Reduxi Controller and the device.



Communication channel and device configuration

Connection *

TCP/IP

IP *

192.168.1.123

Port *

502

Modbus unit ID *

1

Back

Test communication

Next

Communication channel and device configuration

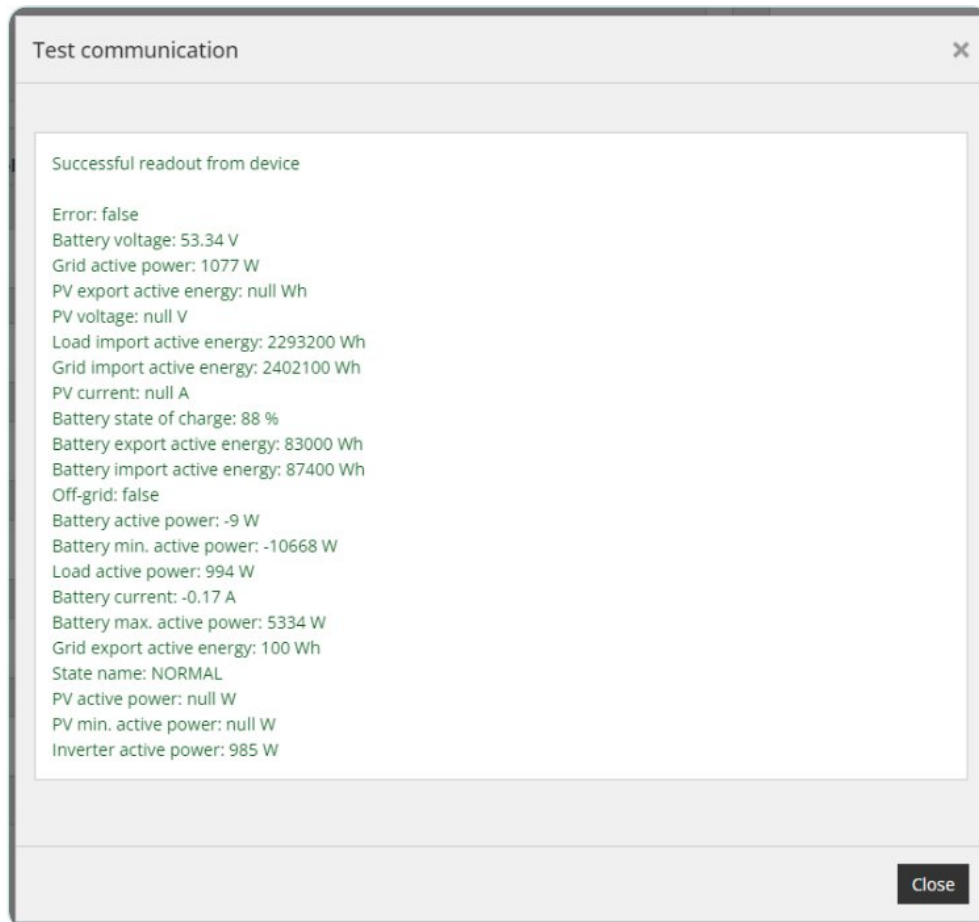
Text description of this image

5.1.3 Communication test

After you have configured the device, use the **Test communication** button to test whether communication works.

The response is one of two results:

Case 1: Communication is working properly.



Case 1: communication works properly

Text description of this image

Case 2: Communication is not working properly.



Case 2: communication does not work properly

Text description of this image

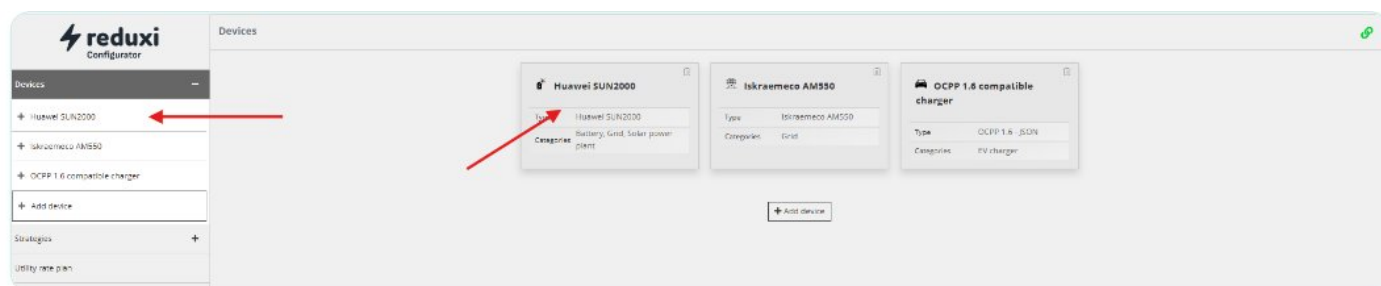
If the communication does not work, check the settings you defined earlier. You might also need to configure the device (for example the inverter) to communicate via the selected interface.

5.1.4 Advanced configuration (optional)

Advanced configuration is available in the Details of the selected device. Mostly you do not need to fill in these fields. They are intended for users who specifically need advanced settings.

5.2 Editing configuration and deleting devices

To open the device configuration, click the corresponding device.



Device list

Text description of this image

Here you can edit individual settings for the selected device or delete the device (click the trash icon).

Details screen – configuration

The Details screen opens a page to review or edit the device configuration.



Note

You cannot edit the device type. The device type remains as it was set when the device was added.

In the Basic Configuration form you can also specify the Location and Energy Direction parameters.

Details screen: basic configuration

Text description of this image

Location

You can choose:

- Main electric meter
- Sub – other electric meter or other device
- None

The "Sub" meter parameter affects the grouping (aggregation) of data and the calculation of the final sum of individual measurements. It prevents the readings of the main meter and the other meter from being added up in the total consumption. Example:

The main meter measures the electricity consumption of the entire house. You have a garage in the house and you use another meter to measure the consumption in the garage. The garage is part of the house, so its consumption is already included in the measurements of the main meter. For the garage, select "Sub" meter. This prevents the measurements of the other meter from being added to the main meter and causing an incorrect calculation.



Note

You select the "None" parameter for devices that do not affect energy production or consumption, for example the heat meter, which is added under devices and plays a role in setting strategies.

Energy direction

You can choose:

- Consumption
- Production
- Consumption and production
- None

The energy direction depends on the function of the individual device. For example, you select Consumption for devices that use energy.



Note

You select the "None" parameter for devices that do not affect energy production or consumption, for example the heat meter, which is added under devices and plays a role in setting strategies.

In the Advanced Configuration form, certain fields are already pre-filled. In most cases the pre-filled fields ensure normal communication between the Reduxi Controller and the connected device. You do not need to fill in the other fields. They are intended for users who specifically need advanced settings.

Deleting a device

To delete an individual device, click the trash icon.



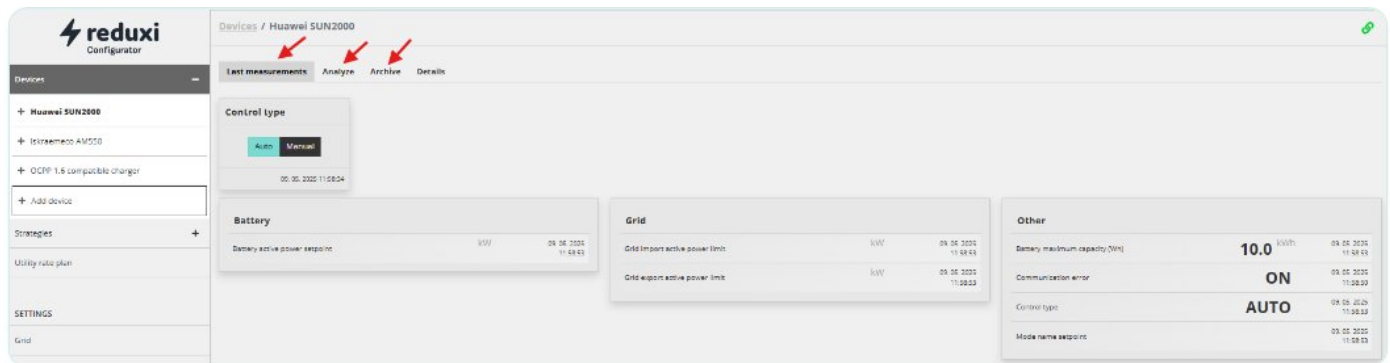
Warning

Once a device is deleted, all data of this device is deleted too and cannot be recovered.

5.3 Display of device measurements

After you select a device, you can display its measurements under:

- Last measurements
- Analyses
- Archive



Measurement tabs of a device

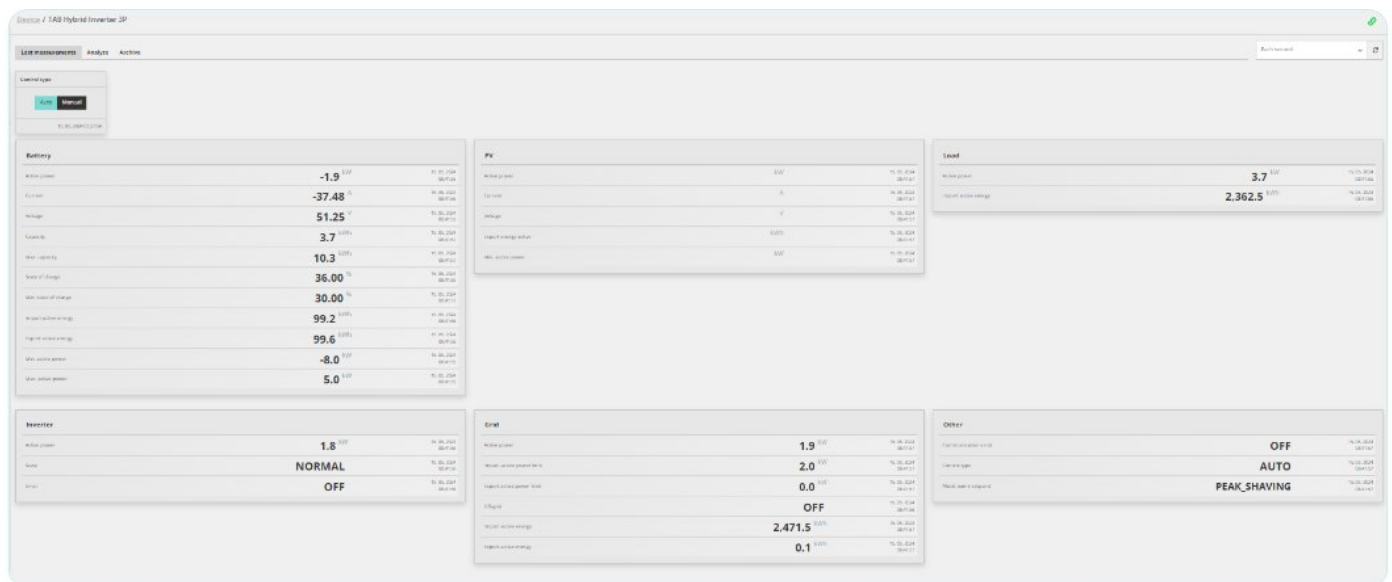
Text description of this image

5.3.1 Last measurements

The Last measurements tab shows the last recorded measurements for the selected device. Measurements are obtained from each device and stored in the Reduxi Controller.

You can set the data refresh interval (top right).

Use this point for the last check that the device and the connection work properly.



Last measurements of a device

Text description of this image

Once the device is successfully added in the Reduxi Configurator, you can monitor and control it via the Reduxi Cloud application or the mobile app [Reduxi Mobile App](#).

The Last measurements menu also allows manual control of the device. This is described in [5.4 Manual control of device](#).

5.3.2 Analysis

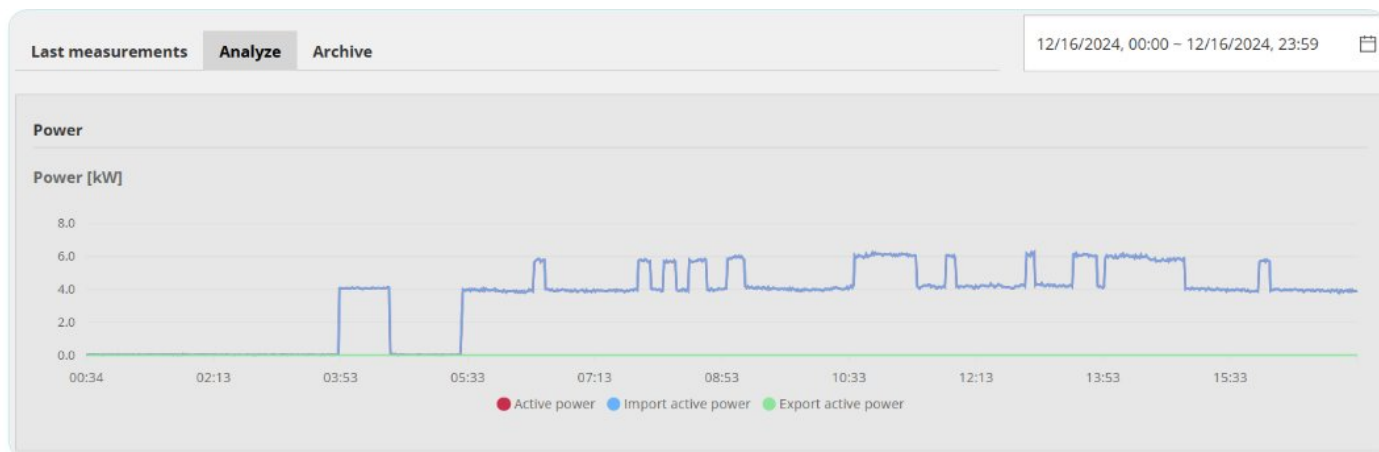
In the Analysis tab you can view data for the selected device based on past measurements. The data is displayed as graphs. At the top left you choose the time period for which you want to display the data.

On each graph, click the buttons below the graph to filter the displayed data.



Note

Data is stored in the Reduxi Controller for 1 year. When disk space runs short, old data is deleted. If the Reduxi Controller is turned off due to a power outage or other problems, it does not record measurements during this time. The controller also cannot retrieve data from the device during an outage. The downtime of the controller is recorded on the graph.



Analysis tab

Text description of this image

5.3.3 Archive

The Archive tab stores all past data recorded by the Reduxi Controller for the selected device. The archive shows the data in a table and exports it in CSV format.



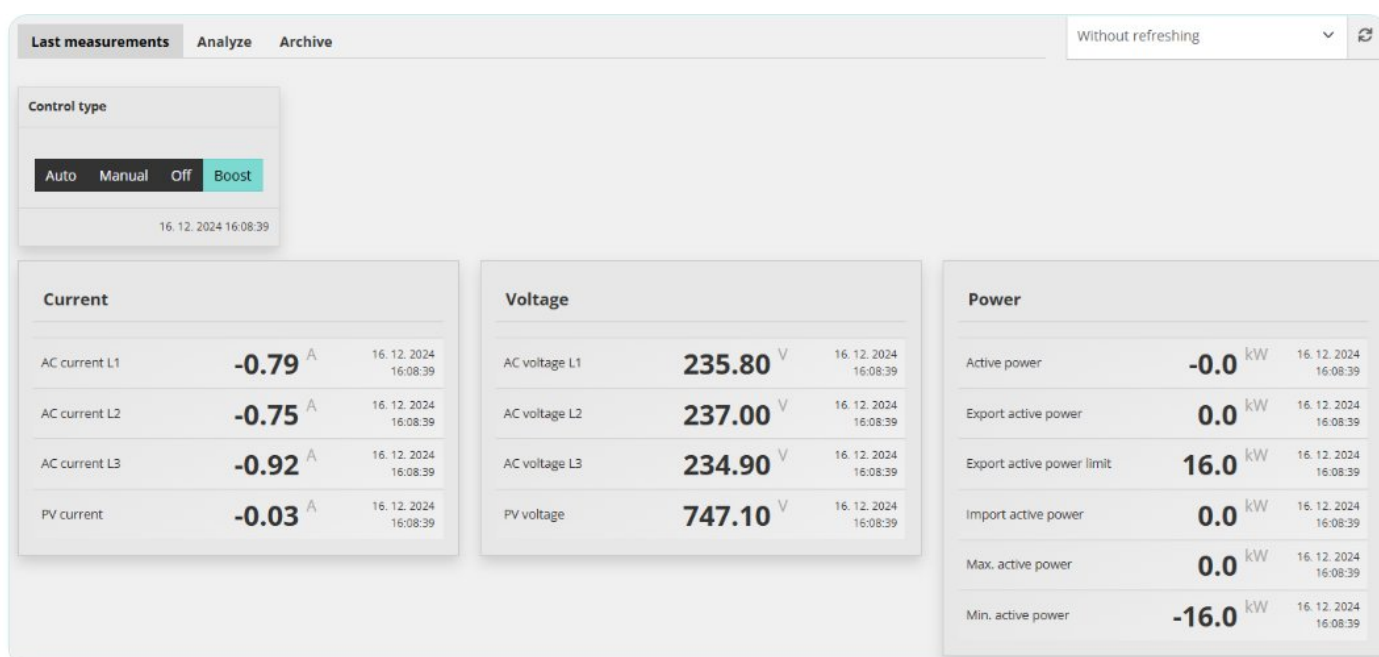
Note

In the Archive tab, data is available until you delete the selected device from the Reduxi Configurator.

5.4 Manual control of device

By default a regulated device is controlled automatically via a strategy (Auto control type). The Last measurements tab also allows manual control of the device.

This is an example of an SG ready compatible HVAC device:



Manual control: SG ready compatible HVAC device

Text description of this image

And a hybrid inverter:

The screenshot displays the 'Device / Fronius GEN24' configuration page. At the top, there are tabs for 'Last measurements', 'Analyze', and 'Archive', along with a refresh button and a dropdown menu set to 'Each second'. The main area contains several control cards:

- Control type:** A card with 'Auto' and 'Manual' buttons. 'Manual' is selected and highlighted in teal. Below the buttons, the timestamp '18. 12. 2024 15:43:07' is shown.
- Grid import active power limit:** A card with a minus sign, a text input field, and a plus sign, followed by 'kW'. The timestamp '18. 12. 2024 15:45:52' is at the bottom.
- Grid export active power limit:** A card with a minus sign, a text input field, and a plus sign, followed by 'kW'. The timestamp '18. 12. 2024 15:45:52' is at the bottom.
- Battery active power setpoint:** A card with a minus sign, a text input field, and a plus sign, followed by 'kW'. The timestamp '18. 12. 2024 15:45:52' is at the bottom.
- Mode name setpoint:** A card with a dropdown menu showing 'Max. production', 'Self consumption', 'Max. consumption', 'Peak shaving', and 'Setpoint'. The timestamp '18. 12. 2024 15:45:52' is at the bottom.

Below these cards are three summary tables:

Battery		
Active power setpoint	kW	18. 12. 2024 15:45:52

Grid		
Import active power limit	kW	18. 12. 2024 15:45:52
Export active power limit	kW	18. 12. 2024 15:45:52

Other		
Communication error	ON	18. 12. 2024 15:45:48
Control type	MANUAL	18. 12. 2024 15:45:52
Mode name setpoint		18. 12. 2024 15:45:52

Manual control: hybrid inverter

Text description of this image

When testing, note that the device itself also needs to be configured properly to accept instructions from an external device.

HVAC devices respond very slowly (approx. 15 min), so a device might not react immediately to the desired setpoint.

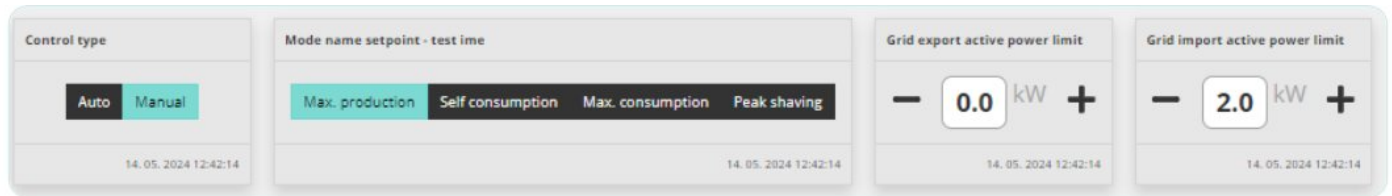
Depending on your choice in the Control type window, you can choose between the Auto and Manual control type:

- **Auto:** In Auto mode, all power limits (consumption and production on the grid) for the inverter come directly from a user-defined strategy. To learn how to set up strategies correctly, read the article [How to Correctly Set Up Strategies](#) (see [Point 6](#)).
- **Manual:** In Manual mode, the user sets all power limits for the inverter (consumption and production on the grid) directly. Once you select Manual mode, four additional options become available: [Max. production](#), [Self-consumption](#), [Max. consumption](#) and [Peak shaving](#).

5.4.1 Max. production

Max. production is intended for situations where the user chooses to export as much energy to the grid as possible, taken either from PV or from battery storage.

The power limits for export and import from the grid are constrained by the two parameters in the right cards "Grid Export/Import active power limits".



Max. production mode

Text description of this image

Case 1: There is not enough PV production.

- PV production is less than the Grid export active power limit
- and
- Battery storage SOC is above the minimum SOC

Then the battery storage is discharged to reach the Grid export active power limit.

Case 2: There is enough PV production.

- PV production covers the building consumption
- and
- PV production is more than the Grid export active power limit
- and
- Battery storage SOC is below the maximum SOC

Then the battery storage is charged with the exceeded power until it reaches the maximum SOC.

When the battery storage reaches the maximum SOC, PV production is limited so that it does not exceed the Grid export active power limit.

After the end of the PV production day, Case 1 applies again.



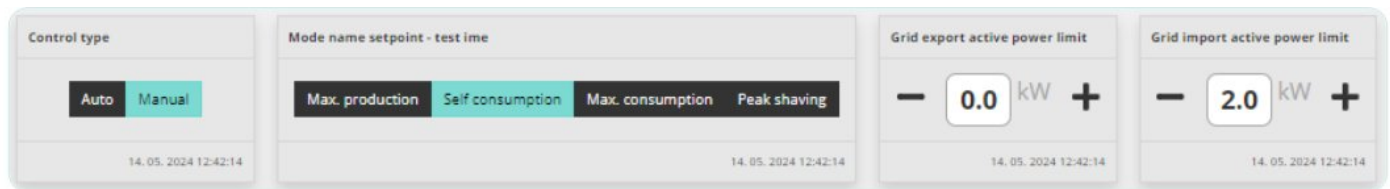
Please note

When Max. production is chosen as the preferred mode in Reduxi, the phases may not be loaded equally, i.e. the exported power varies depending on the phase. This happens when excess energy is available at the location (building) and the "Sell first" option is chosen as the operation mode in the hybrid inverter. This mode DOES NOT offer phase power balancing.

5.4.2 Self-consumption

Self-consumption is intended for situations where the user aims to balance export and import so that the net sum equals zero. The Reduxi Controller monitors net grid consumption and production, calculates the difference between them and acts accordingly.

The power limits for export and import from the grid are limited by the limits in the right cards "Grid Export/Import active power limits".



Self-consumption mode

Text description of this image

Case 1: There is not enough PV production.

- PV production is 0
- or
- PV production is less than the building consumption
- and
- Battery storage SOC is above the minimum SOC

Then the battery storage is discharged to reach the zero value on the grid active power. The Reduxi Controller discharges the battery storage to cover the building consumption down to the minimum SOC.

Case 2: There is enough PV production.

- PV production covers the building production
- and
- PV production is more than the Grid export active power limit
- and
- Battery storage SOC is below the maximum SOC

Then the battery storage is charged with the exceeded power until it reaches the maximum SOC.

When the battery storage reaches the maximum SOC, PV production is limited so that it does not exceed the Grid export active power limit.

After the end of the PV production day, Case 1 applies again.

5.4.3 Maximum consumption

Maximum consumption is intended for situations where the user decides to import as much energy from the grid as possible. This mode is typically used in combination with EVSE (Electric Vehicle Supply Equipment) and BSEE (Battery Storage Energy Equipment), so the user can increase power on demand.

The power limits for both export and import from the grid are limited by the limits in the right cards "Grid Export/Import active power limits".



Max. consumption mode

Text description of this image

Case 1: Building consumption is less than the Grid import active power limit.

- Building consumption is less than the Grid import active power limit
- or
- Battery storage SOC is below the maximum SOC
- or
- EV is connected to the EVSE but not charging

Then the battery storage and the EV start charging to reach the Grid import active power limit, until the maximum battery storage SOC or EV battery SOC is reached.

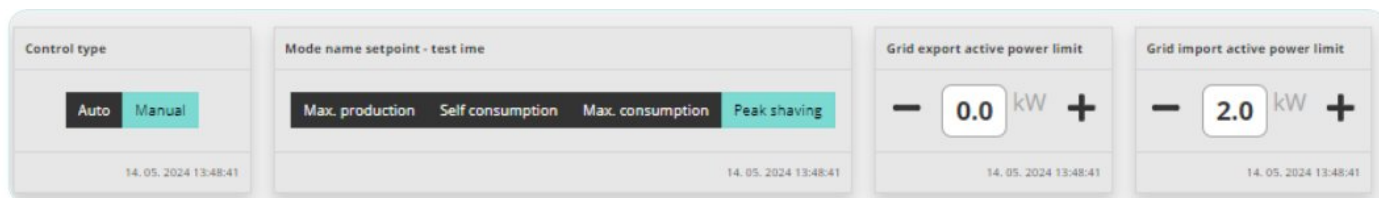
Case 2: There is PV production.

- PV production is more than 0
- or
- Building consumption is less than the Grid import active power limit
- or
- Battery storage SOC is below the maximum SOC
- or
- EV is connected to the EVSE but not charging

Then all the energy produced by PV is used first by the EVSE or the battery storage. When both reach the maximum SOC, the energy is sent to the grid, but still not more than the set Grid export active power limit. The battery storage is not discharged until the building consumption is bigger than the PV production.

5.4.4 Peak shaving

Peak shaving is intended for situations where the user decides to limit the Grid import active power when the limit is reached. The Grid import active power limit is important. You set it with the two parameters in the right cards "Grid export/import active power limits".



Peak shaving mode

Text description of this image

Case 1: Building consumption is less than the Grid import active power.

- PV production is less than or equal to 0
- or
- Building consumption is more than the Grid import active power limit
- and
- EV is charging
- and
- Battery storage is above the minimum SOC

Then the battery storage starts discharging to cover the power for EV charging, so that the Grid import active power limit is not exceeded.

If no battery storage is available, the power of the EV charger is reduced so that the Grid import active power limit is not exceeded.

The battery is charged when the Grid export active power limit is reached and there is enough PV production.

6 Strategies

Strategies regulate individual devices according to measurements recorded by the Reduxi Controller. With strategies, you can limit the consumption of individual devices or groups of devices in the Reduxi Configurator. You limit the consumption by setting the values that devices must not exceed. You can choose among different strategies to optimize the energy consumption. Use priorities to define a hierarchy of strategies.

To add and manage a strategy, follow the dedicated article: [Strategies for Reduxi controller](#).

Strategies are the automatic control modes of the devices, as opposed to the manual modes described in [5.4 Manual control of device](#).

7 Utility rate plan

The utility rate plan shows the pricing plan of your electricity (including energy, network fees, supplier fee, etc.). Define the pricing plan in the Cloud application as described in [Reduxi price lists](#). This menu shows the prices for the current day.

8 Settings

The Settings module gives access to all settings:

- Grid settings
- Network settings (internet)
- System
- Users
- etc.

8.1 Grid

Grid settings define the specifics of your electrical grid connection. For details see [3.2 Grid settings](#).

8.2 Network

The Network settings show how the Reduxi Controller is connected to the network (internet). The module lets you configure Reduxi according to your internal IT network rules. Here you select the connection method or set the communication method (Proxy).

Reduxi supports networking via:

- wired network (LAN)
- wireless network (Wi-Fi)

Wired (LAN) and wireless (Wi-Fi) network

If the Reduxi Controller is connected to the network via a wired network (LAN), you find the data about this connection under the Wired network tab.

Under the Wireless network tab you can connect the Reduxi Controller to the network via a wireless connection (Wi-Fi). Find the wireless network by clicking the **Scan** button. Select the wireless connection and enter the password, if necessary.



Note

For both wired and wireless networks, you can assign a static or dynamic IP address to the controller.

Alternative server (Proxy)

If your environment requires a proxy server, configure the proxy server settings in the Proxy Server tab.

| 8.3 System

The System settings menu allows advanced configurations for more specific usage.

| 8.3.1 Identifier

The Identifier shows the system information that identifies the Reduxi Configurator and the Reduxi Controller. This menu also shows the UnitID (the ID of the Reduxi Controller). This ID is very important when solving issues with a specific location.



Note

The data is pre-filled and cannot be edited or deleted.

| 8.3.2 Open VPN

Open VPN is intended for remote support.

If you want remote assistance from our support team, you need to:

- 1 Connect Reduxi to the internet**
Connect the Reduxi Controller to the internet network.
- 2 Edit the firewall rules**
Edit the rules on the firewall for IP **193.9.21.21** and TCP port **2002**.
- 3 Enter the configuration file**
Enter the configuration file in the Open VPN configuration field. To get the Open VPN configuration file, send a request to our support: support@reduxi.eu.

If the Open VPN connection works, the IP address is displayed. Send the IP address to our support. With this IP, our support can access the Reduxi Controller via the Open VPN connection.

To disable remote access via Open VPN, close the firewall or remove the Open VPN configuration file.



Note

If the Open VPN connection does not work, an error is displayed. Contact our support for assistance: support@reduxi.eu.

| 8.3.3 Connector

The Connector module allows data from the web controller to be sent:

- via Cloud to our web application Reduxi,
- in MQTT – an indirect server for data; data can be sent to another application or database.

Connector/Cloud

If you want to see your Reduxi Controller in the Reduxi web app, connect it to the cloud here. The Reduxi web application gives an overview of measurements anywhere. Instructions for using the Reduxi web application are on our website support.redux.eu.

Connector/MQTT

For an MQTT connection, you need the access data of the MQTT server. Access to the MQTT server is possible via a certificate or authentication data. Here you can define in what format the data is sent to the MQTT broker.

On the MQTT server, depending on the configuration, you must allow access for the Reduxi Controller via the selected connection method.

See the following articles for more details: [Example how to connect Reduxi Configurator with MQTT broker?](#) and [Reduxi Controller – MQTT API](#).

| 8.3.4 Configuration

Backup

The Configurator Backup module exports all configuration data from the Reduxi Controller to a Configuration Source File.

Restore

The Configurator Restore module restores configuration data to the Reduxi Controller from a Configuration Source File.

When importing configuration data, you can select the type of configuration data to import (Cloud connection, MQTT connection, Network, OpenVPN).



Note

When restoring configuration data, all data will be deleted and cannot be restored!

| 8.3.5 Distribution System Operator

This module allows you to select your distribution system operator. They are grouped by country.

| 8.3.6 Time

The Time module allows you to enter the time zone and the time server through which the Reduxi system updates the time.

If you have entered a valid NTP server and the Reduxi Controller has access to the internet, the date and time are updated at a certain time interval from the data obtained from the NTP server.

**Note**

If no NTP server is set, the Reduxi Controller has no access to the internet or the NTP server is not reachable, you can set the date and time manually.

8.3.7 Update

The Update module allows you to update the Reduxi Configurator with an up-to-date software patch. Automatic update is possible (preferred option with the Stable channel). Manual update is also possible: our Reduxi support team performs it via remote assistance ([Open VPN](#)).

**Note**

When updating, the data stored on the Reduxi Controller is not lost. The data remains on the controller.

8.3.8 Reboot

The Reboot module allows you to reboot the Reduxi Controller. A reboot can fix certain issues in some cases. During the reboot, the Reduxi Controller is unavailable and does not record measurements.

**Note**

If the Reduxi Configurator does not reboot, the problem is most likely on the Reduxi Controller. Check the LEDs on the back of the controller and contact our support to resolve the problem: support@reduxi.eu. You can read what each light means in the instructions for connecting the controller ([Reduxi Controller](#)).

8.3.9 Factory reset

The Factory Reset module allows you to reset the Reduxi Controller to factory settings ("Reset"). The reset deletes all data and resets the Reduxi Controller.

If you click factory reset, two windows open:

1**Confirm that you understand**

Mark that you understand that all data will be lost.

2**Confirm the reset**

Confirm the reset of the controller to factory settings.

During a factory reset, the Reduxi Controller is unavailable and does not record measurements.



Warning

If you reset the Reduxi Controller to factory settings, all data is deleted and cannot be recovered.

8.3.10 Tools

This menu contains basic tools for problem diagnostics:

- ping test to test the connection with the TCP/IP connected device
- TCP port test to test the ports of the TCP/IP connected device

9 Users

The Users module shows all users that have been added to the Reduxi Configurator.

The module allows you to:

- [add users](#),
- [display and edit users](#),
- [delete users](#).

9.1 Adding new user

To add a new user, click the **New user** button. The form for creating a new user appears. Fill in the required fields and save the new user.



Note

You cannot assign different roles to users in the Reduxi Configurator. Each added user has full access rights to the Reduxi Configurator. You can assign different roles to a user in the Reduxi Cloud application. To access the web application, you must connect to the Cloud. Instructions for accessing the web application are on our website support.reduxi.eu.

9.2 Displaying and editing users

The Users module shows all added users.

To edit a user, click the pen icon at the far right of the selected user's row. The same form opens as when adding a new user.



Note

Once you have created a username, it cannot be changed. You can edit the other fields in the form.

9.3 Deleting users

You can delete users in the Users module. To delete, click the trash icon at the far right of the row of the selected user. You must always have at least one active user.



Note

If you want to delete the last active user, the system does not allow it. You receive an error message.

10 Profile

You find the Profile module in the side menu, bottom left. In your profile you can edit your name, surname and password. You cannot change your username once you create it. You can also change the language in the Profile section.

Privacy policy information is also in the Profile section.



Note

The Profile page allows you to edit the current user. To add and edit other users, go to the [6. Users](#) module.



Summary

Connect (Points 1–3): Plug in the controller, open <http://reduxi.local>, log in as admin and set network, grid, location name and time zone on the welcome screen.

Devices and dashboard (Points 4–5): Add each device with Add device (basic settings, communication test), check Last measurements, then control it by strategy (Auto) or manually.

Strategies and prices (Points 6–7): Strategies control the devices automatically. The utility rate plan shows the prices for the current day.

Settings, users, profile (Points 8–10): Configure network, connector, time, update, backup and reset under Settings. Manage users and your own profile.

→ Common issues

ISSUE	SOLUTION
Login to the Reduxi Configurator fails	Check the username and password (admin / admin, or as printed on the label). If it still fails, perform a factory reset or contact support@reduxi.eu.
Device is not in the Type list	Update the Reduxi Controller to the latest version (see Point 8, 8.3.7 Update). If the device is still missing, contact support@reduxi.eu.
Test communication fails	Check the settings you defined. Configure the device (for example the inverter) to communicate via the selected interface.
Configurator does not reboot	Check the LEDs on the back of the controller and contact support@reduxi.eu.

→ Related articles

Matching guides from the Reduxi knowledge base:



Reduxi Controller

Instructions for connecting the Reduxi Controller, LED meanings and network setup.



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