

Reduxi Controller setup with Reduxi app

Set up the Reduxi Controller with the Reduxi app: register, connect the controller and enter your grid data.

 Reduxi app (iOS and Android)  Reduxi Controller

 Wi-Fi or Ethernet

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1 Download and install the Reduxi app

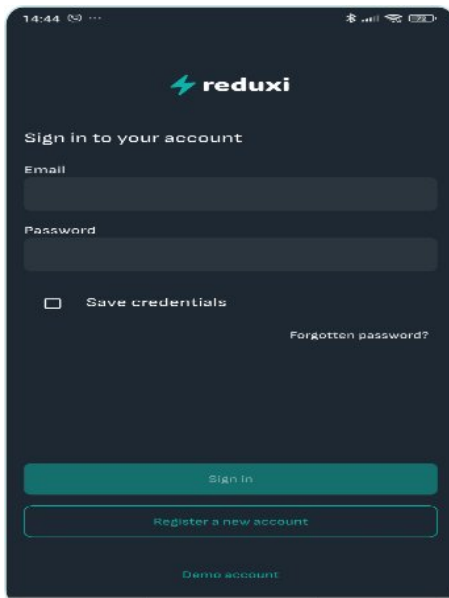
Watch the video for the whole setup, or follow the steps below.

Install the Reduxi app on your mobile phone:

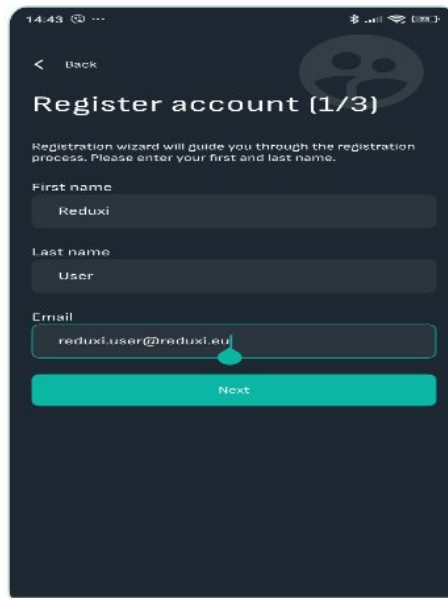
- [Reduxi app on Apple App Store](#)
- [Reduxi app in Google Play](#)

2 Register a new account in the Reduxi app

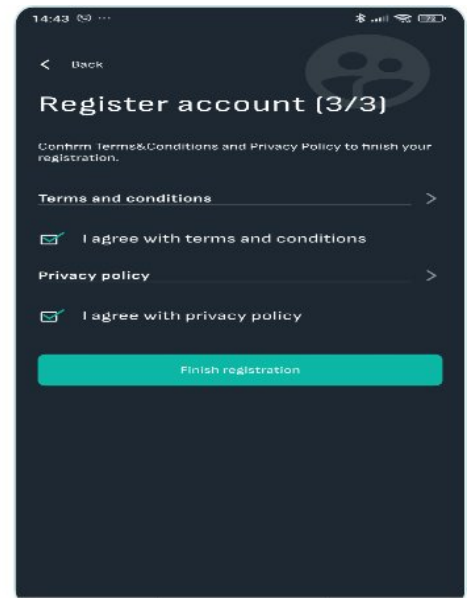
Create a new account in the app. The screenshots show the registration steps.



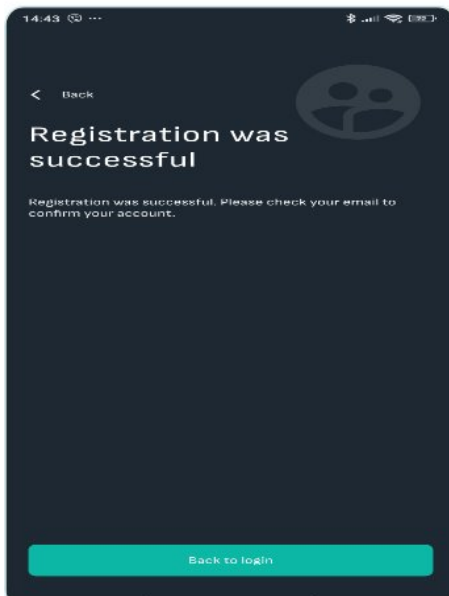
Registration, step 1



Registration, step 2



Registration, step 3



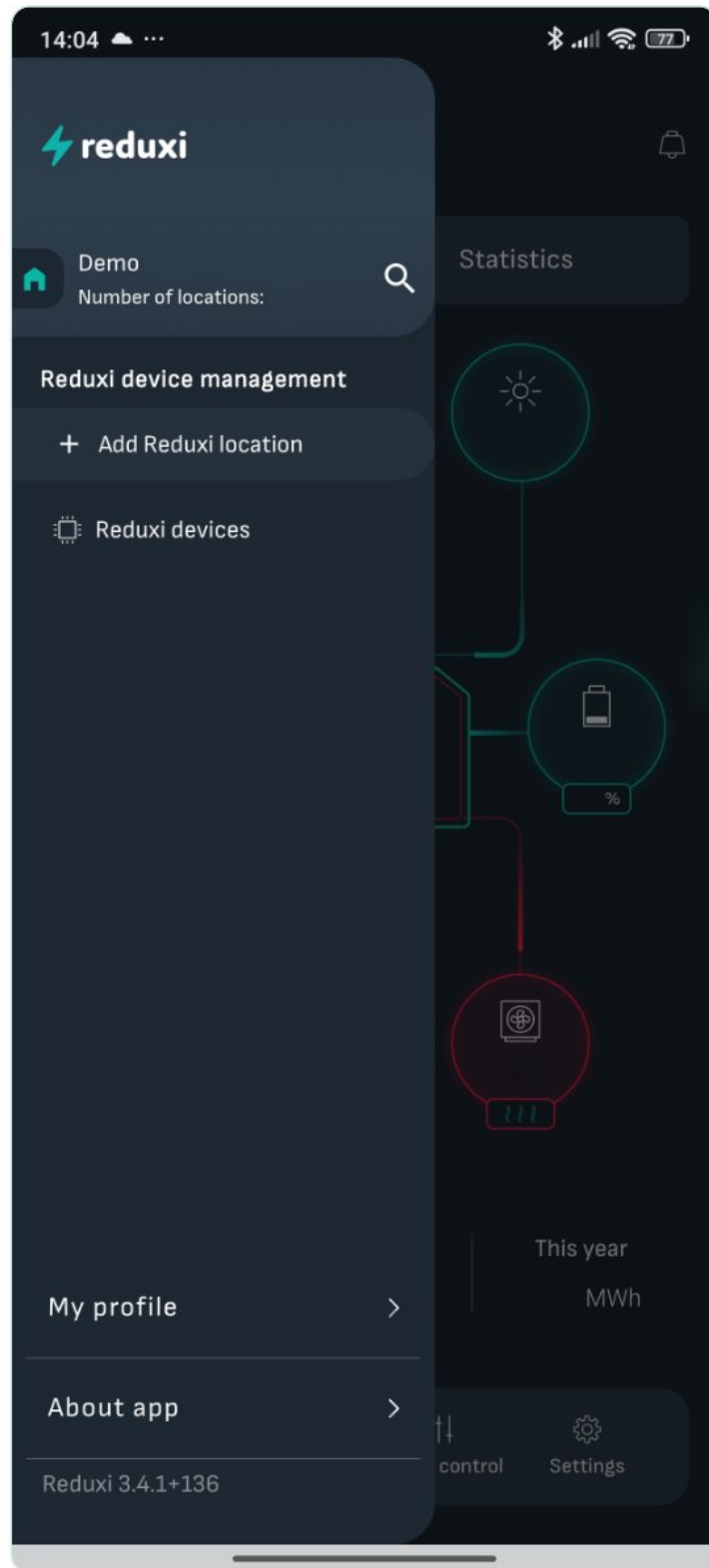
Registration, step 4

After you confirm your e-mail, log in to the app.

3 Create a location and add your device

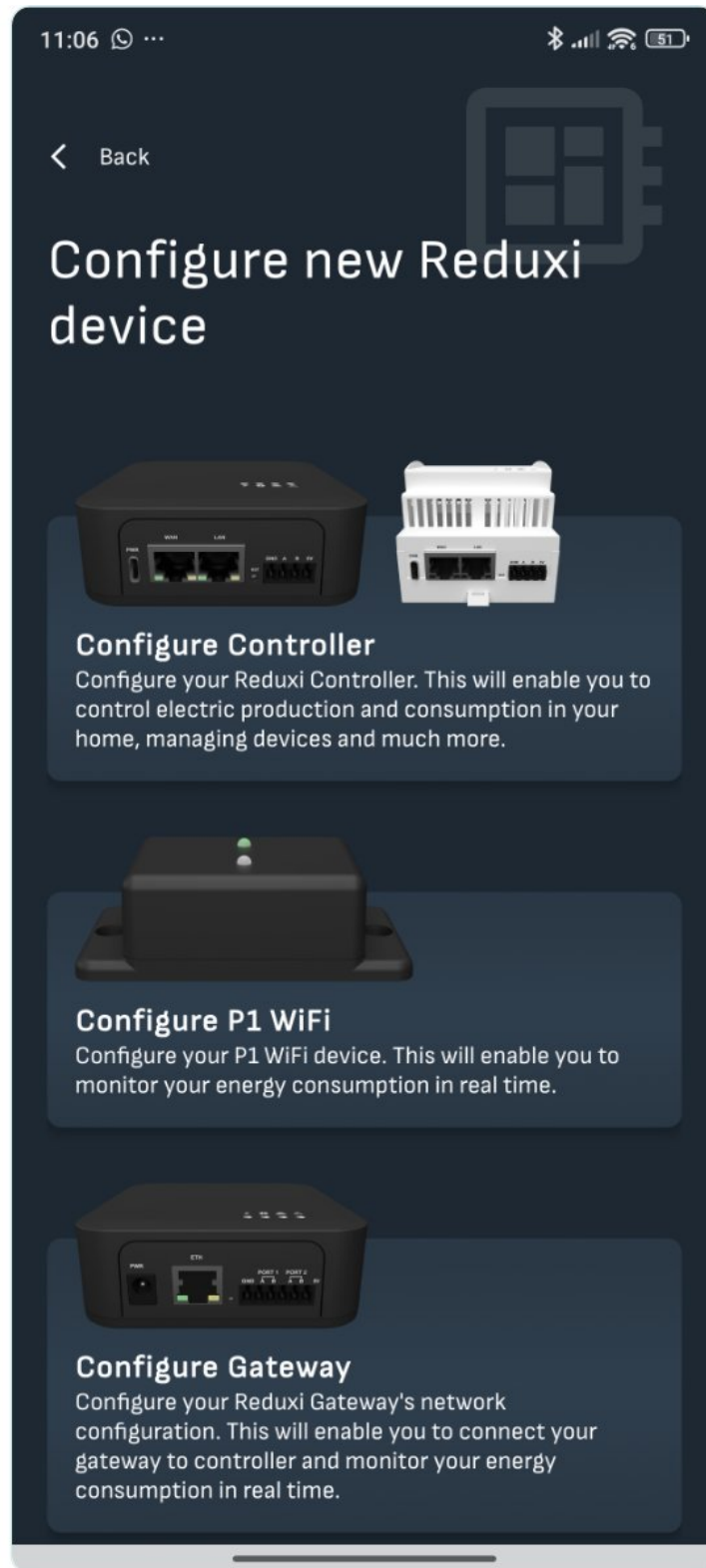
3.1 Add a location

Tap the **Menu** icon (top left) and choose **Add location**.



Menu: Add location

Choose **Configure controller**.



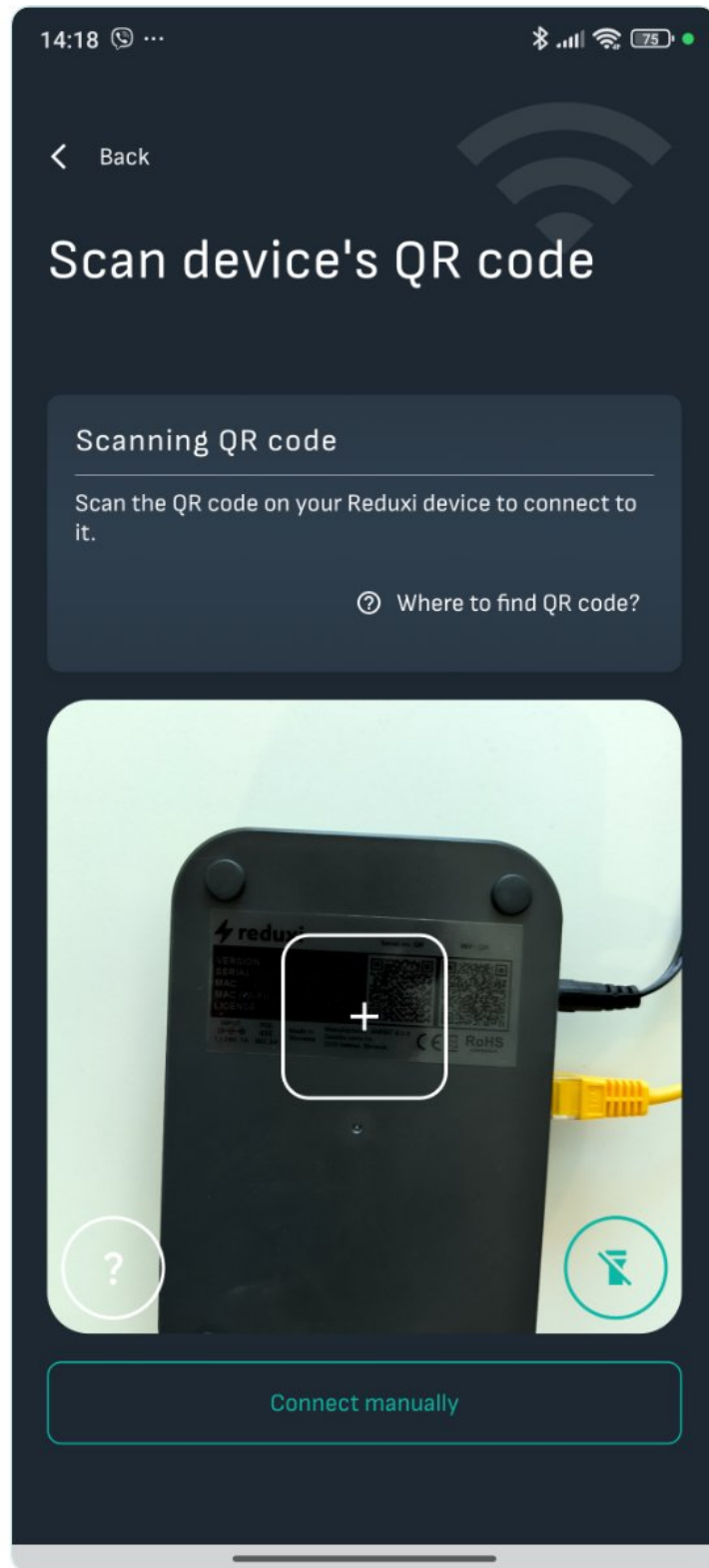
Configure controller

Enter the name of the location. Use a clear name, for example **Demo User home**.

Select your country. Region and time zone are selected automatically, or you can choose them yourself.

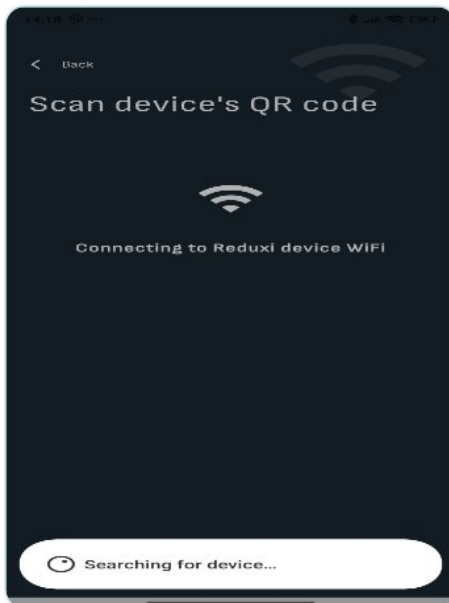
Select your geo-location.





Scan the QR code on the controller

The app connects to the controller Wi-Fi hotspot. Confirm the connection.



Hotspot connection, step 1



Hotspot connection, step 2



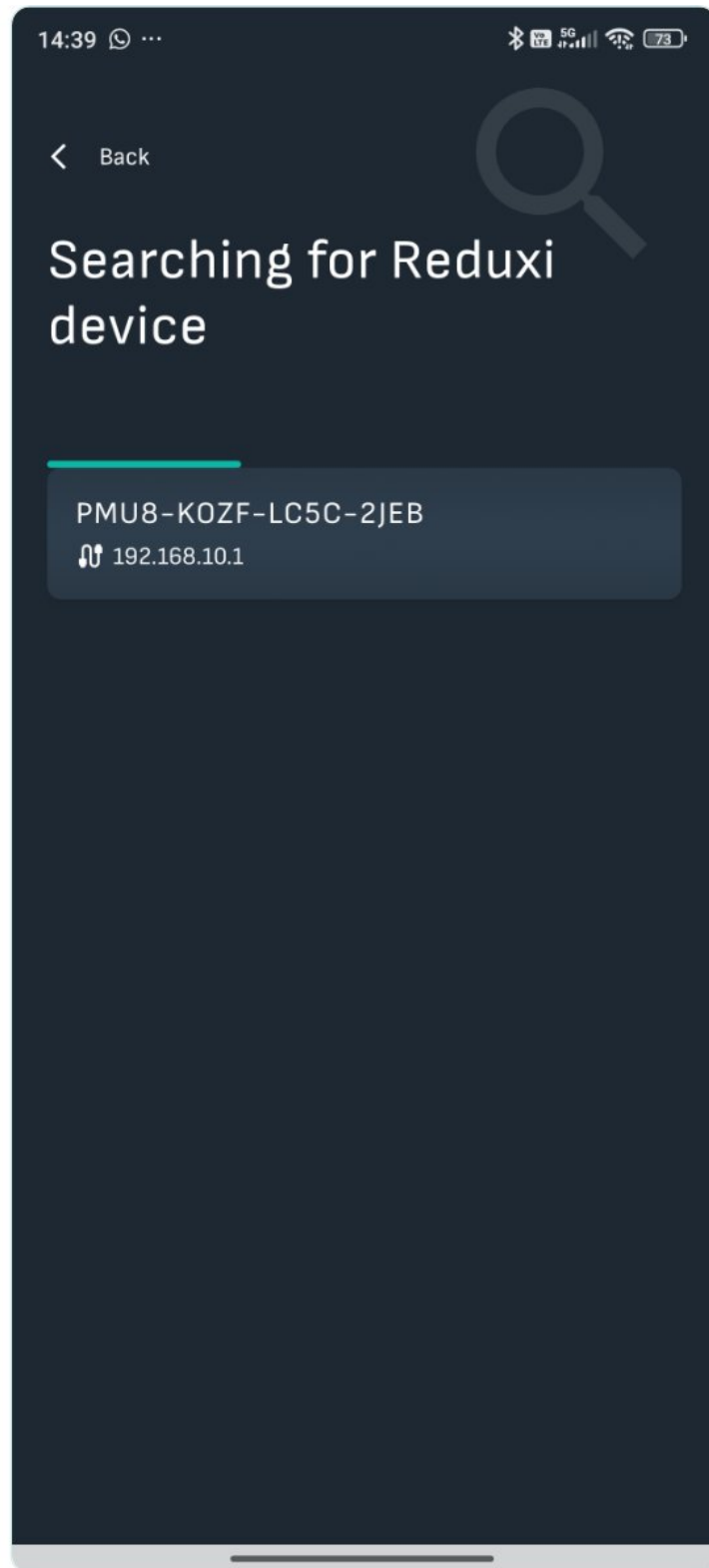
Hotspot connection, step 3



Hotspot connection, step 4

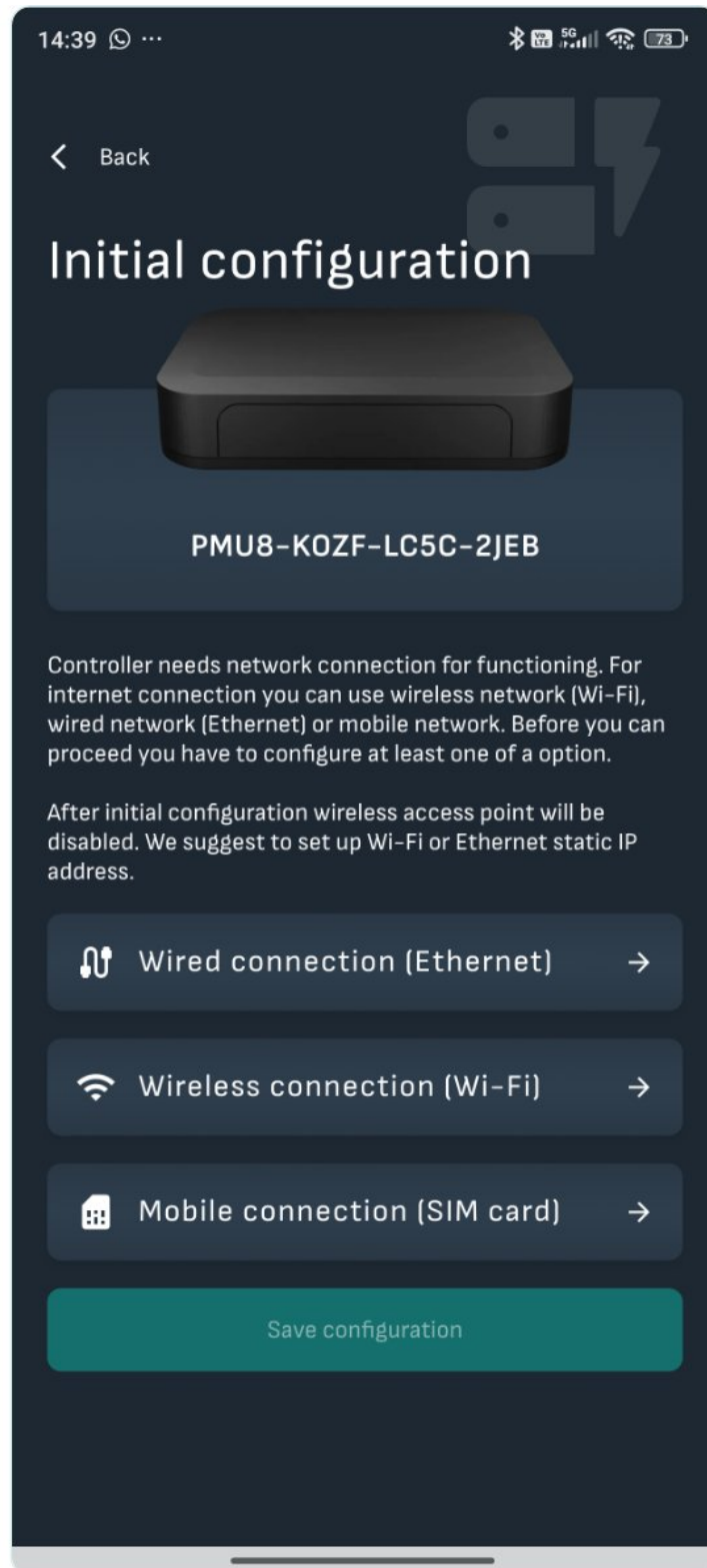
3.3 Select the device and the network

Select your Reduxi device. If the app offers more than one, check the S/N on the device label.



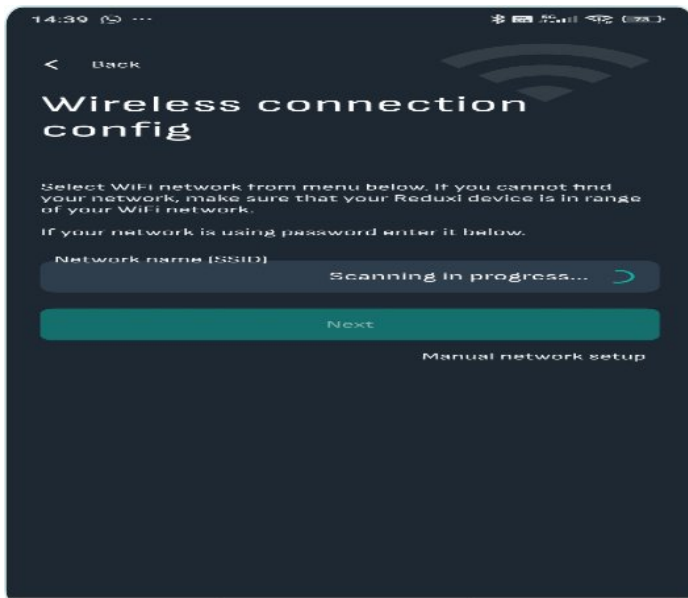
Select your Reduxi device

Select the network connection type.

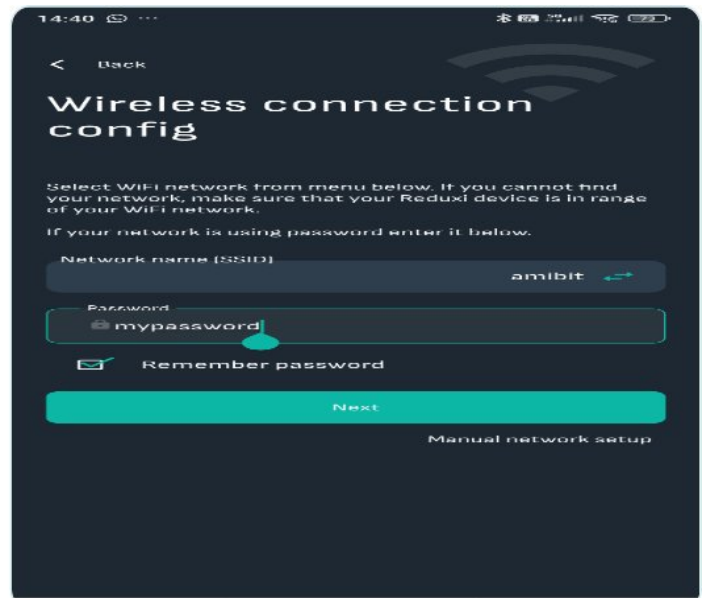


Network connection type

If you connect to a Wi-Fi network, wait until the app finishes scanning. Then select the correct Wi-Fi network and enter the password.



Wi-Fi network selection



Wi-Fi password

3.4 Set the IP address

After you connect to Wi-Fi or select Ethernet, choose whether the IP address comes from your network router (DHCP) or is static.



Recommendation

Set up the Reduxi device and all connected devices with a static IP address. If you are unsure how to do this, consult your router's manual.



IP address assignment



IP address settings

Select **Save configuration**.



Save configuration

4 Enter the data of your grid connection

Enter the basic data about your electric grid connection:

- Grid circuit breakers in A. This is the physical maximum you can draw from the grid without tripping the circuit breakers.
- Grid import and export limit in kW. These are the limits you were assigned by your grid operator in your grid connection permit.

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Grid settings

Fuse L1

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Fuse L2

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Fuse L3

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Import & export power limits

Import power active limit (kW)

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Export power active limit (kW)

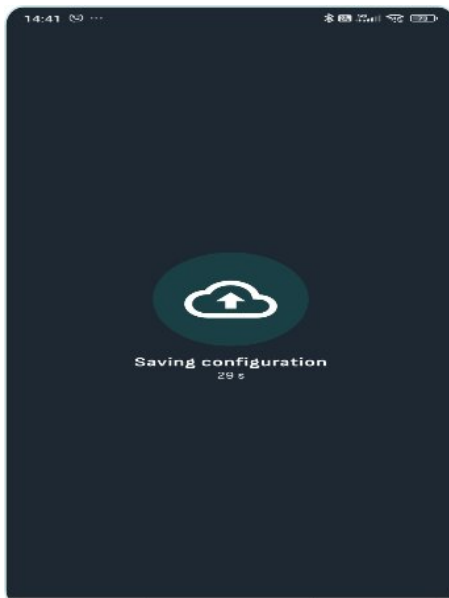
17.7

Save

Skip

Grid connection data

Tap **Save** and wait until the configuration is saved to your controller and to your cloud account.



Saving, step 1



Saving, step 2

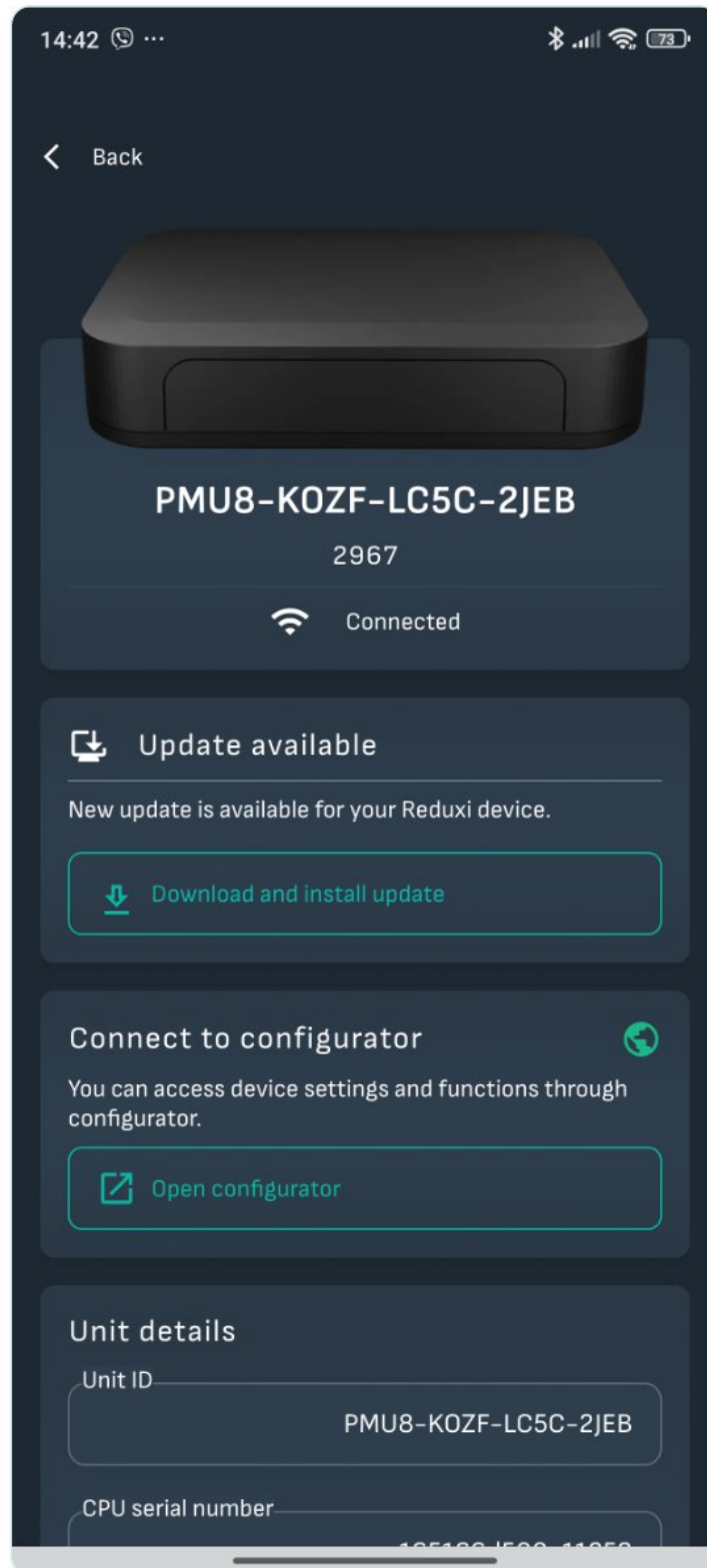


Saving, step 3

5 Finish the setup and add your devices

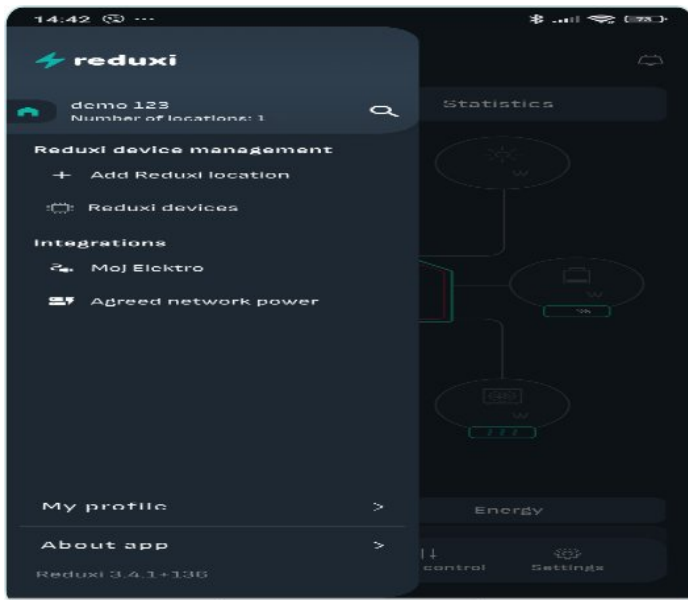
The basic configuration is now finished. On the next screen you can:

- Add your devices (PV, battery, EV charger ...) directly: tap **Open configurator**.
- Update the controller firmware, if an update is available.



Basic configuration finished

You can also add devices later. Tap the **Menu** button (top left), choose **Reduxi devices** and tap **Open configurator**. In the same menu you can check for firmware updates and install them.



Menu: Reduxi devices



Open configurator

Next step: adding your devices to system (PV, battery, EV charger ...)

✓ Summary

Install and register (Points 1–2): Install the Reduxi app and register a new account. Confirm your e-mail and log in.

Connect the controller (Point 3): Add a location, scan the QR code, select the device and the network, set the IP address and save.

Grid data (Point 4): Enter the grid circuit breakers in A and the import and export limit in kW. Tap Save.

Finish (Point 5): Open the configurator to add your devices, or update the firmware.

→ Common issues

ISSUE	SOLUTION
More than one Reduxi device is offered	Check the S/N on the device label and select the matching device.
Wi-Fi network is not listed	Wait until the app finishes scanning, then select the network and enter the password.
Unsure how to set a static IP address	Consult your router's manual. Reduxi recommends a static IP for the Reduxi device and all connected devices.

→ Related articles

Matching guides from the Reduxi knowledge base:



Reduxi Configurator

Add and configure your devices in the Reduxi Configurator.



Device setup guides

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



List of supported devices

All devices that work with the Reduxi Controller



Strategies for the Reduxi Controller

Energy manager and other strategies explained