EzGYM · OCPP 1.6J

How to set up Wallbox Copper SB with EzGYM

https://www.ezgym.net/en/free-ocpp-server/wallbox-copper-sb

1. Create the charger in EzGYM

1. Sign in to EzGYM, open **EV Chargers** and tap **Add charger**.
2. Enter a **Name** (for example “Bay 1”) and the **Max power (kW)**, then save.
3. **Connect “Bay 1”** opens with the data you will enter in the Wallbox Copper SB:
   - **Server address (OCPP URL)**: `ws://devices.ezdis.net:9000/ev4k2p9x7q1m`.
   - **Secure address (wss://)**: `wss://charger.ezgym.net/ev4k2p9x7q1m`. Use it if the charger supports a secure connection.
   - **Charger identifier**: `ev4k2p9x7q1m`. On the charger it may be called ChargeBox ID, Charge Point ID or Identity.
   - **Password**, if the charger has that field. It is shown only once.

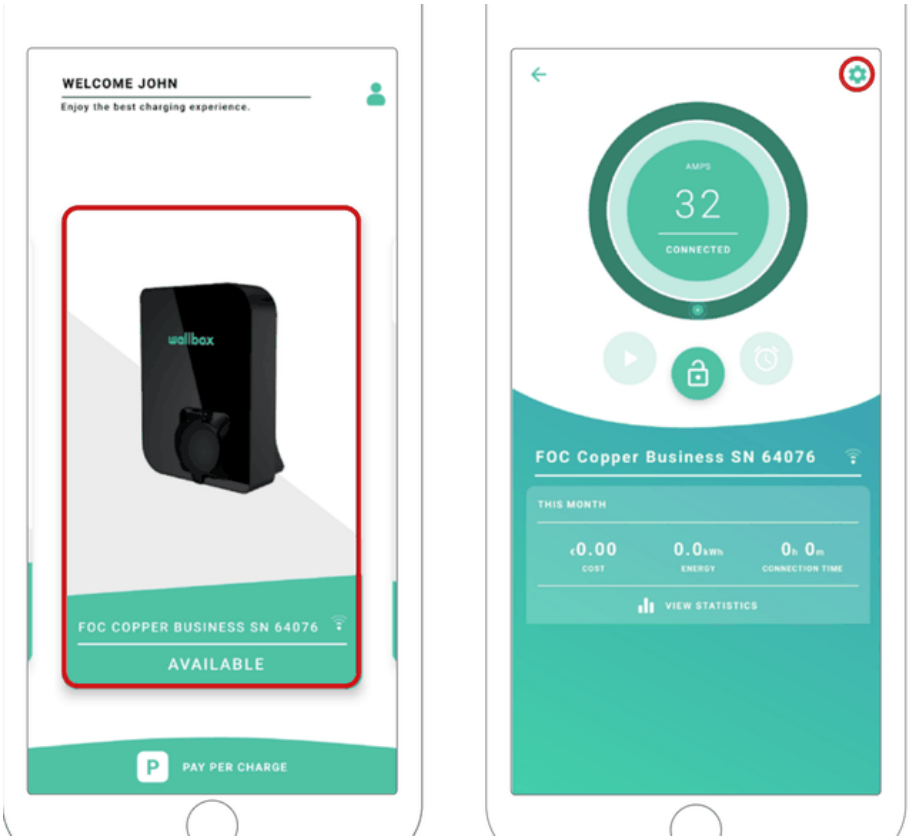
If the charger has a separate field for the identifier, fill it in and still paste the full address: EzGYM recognizes the charger even if it adds its identifier or serial number to the end.

The data above is an example: use your charger's own. Each charger has its own identifier.

2. Configure the Wallbox Copper SB

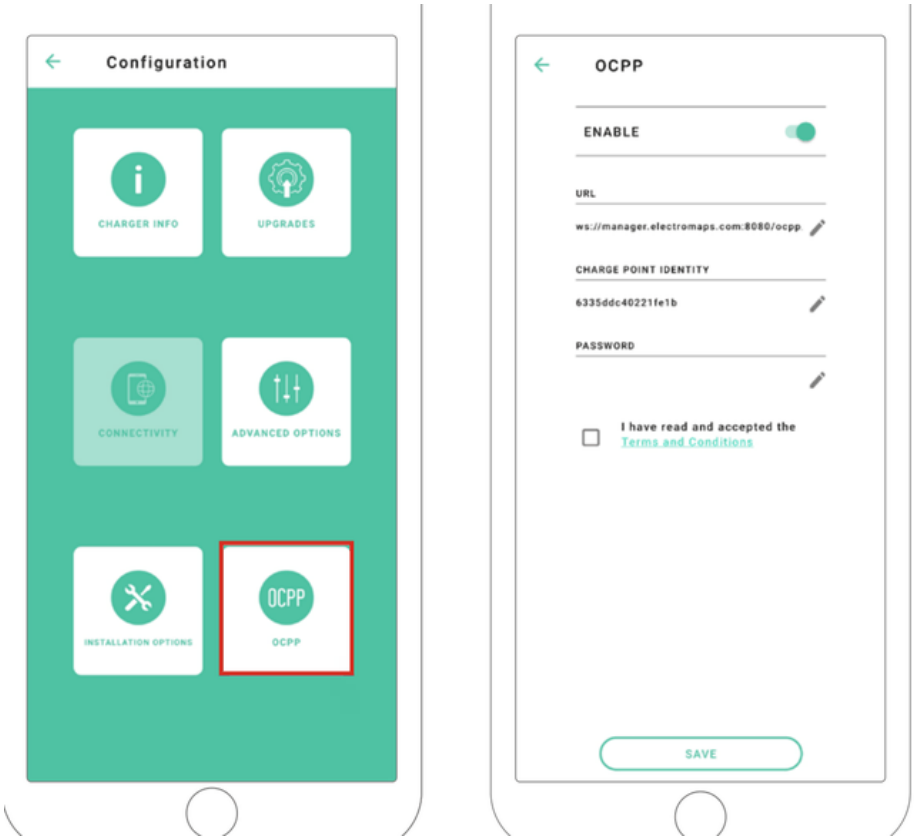
New Wallbox chargers include OCPP 1.6J. On older models it is included only if it appears in the part number: if the OCPP menu does not show up, that unit does not have it.

1. Connect the charger to the internet (Wi-Fi, Ethernet or mobile data, depending on the model) and open the **Wallbox** app.
2. Select the charger and check that it shows as connected.
3. Tap **Settings** (the cogwheel) and, under **External Management**, choose **OCPP**.



Source: Wallbox, “OCPP Activation and Setup Guide (2021)”, p. 6

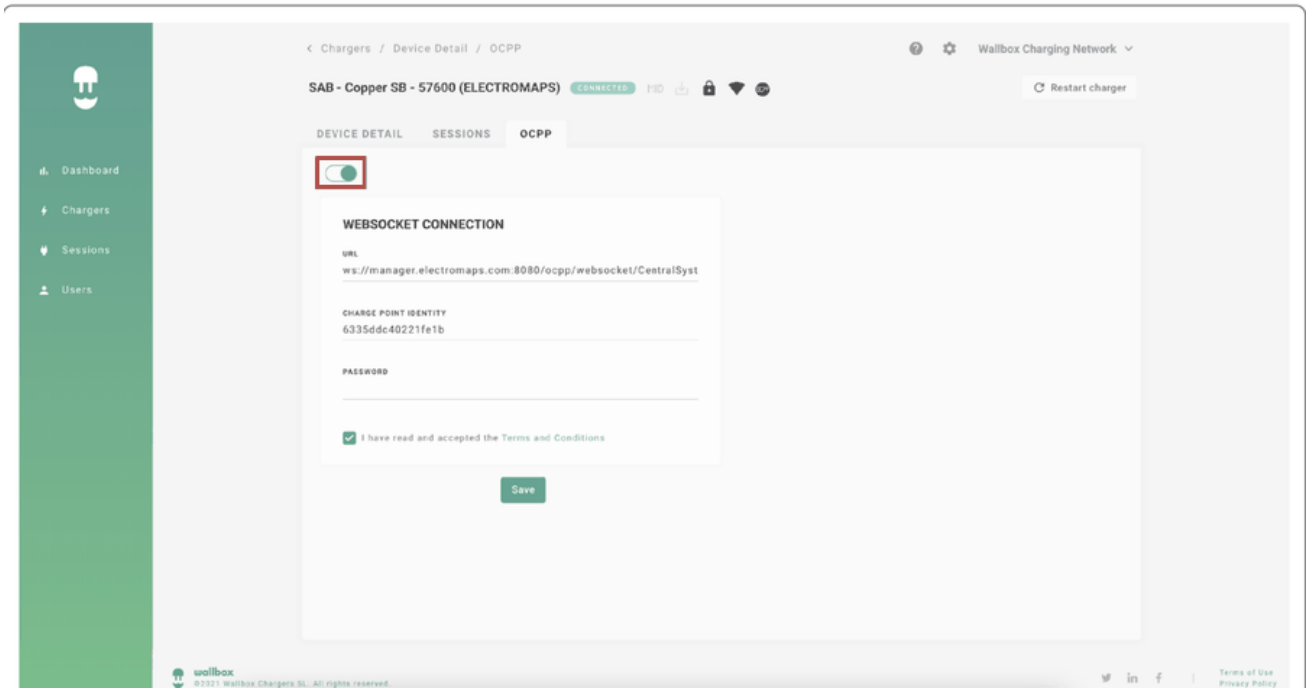
4. Turn OCPP on (**Enable**) and fill in:
    - **URL**: the full address, `wss://charger.ezgym.net/ev4k2p9x7q1m` (or the unencrypted one, `ws://devices.ezdis.net:9000/ev4k2p9x7q1m`). EzGYM is not in the provider list: type it in.
    - **Charge Point Identity**: your identifier, for example `ev4k2p9x7q1m`.
    - **Password**: the EzGYM password.
5. Accept the terms and conditions and tap **Save**. The charger restarts by itself and applies the settings.



Source: Wallbox, “OCPP Activation and Setup Guide (2021)”, p. 7

The screenshots come from the 2021 OCPP guide. In the current app the menu is under Settings → External Management → OCPP, with the same fields.

The myWallbox portal has the same fields in the charger's **OCPP** tab.



Source: Wallbox, “OCPP Activation and Setup Guide (2021)”, p. 9

3. Check the connection

The Wallbox app and portal show the OCPP status: **Connecting** while it tries, **Connected** once it talks to EzGYM and **Connection error** if it cannot reach it. In EzGYM, the charger turns **Available** within a minute or two.



Source: Wallbox, “OCPP Activation and Setup Guide (2021)”, p. 10

For RFID cards, Wallbox sends the number in hexadecimal, reversed (little-endian) and without separators. The easiest way is to tap the card and register it from the unknown card alert in EzGYM.

If it does not connect

- Check that the charger has internet access and that the address is complete, with no spaces.
- If the charger page shows “A charger is trying to connect from your network as…”, tap **It is “Bay 1”**: your charger uses its serial number as identifier and connects on its next attempt.

- If it says the server rejected it, the password does not match or the charger is not using the secure address (wss://).

Once connected you can start and stop sessions from EzGYM, register RFID cards, charge per kWh and see each person's usage: it is all in the EV chargers manual.

Manuals and documentation

WEB · support.wallbox.com

Configuration guide

PDF · EN · OCPP · 2021 · support.wallbox.com

User and installation manual

WEB · EN · Wallbox Copper SB · support.wallbox.com

Device datasheet

Documentation reviewed on 2026-11-24. Compatibility depends on the variant and firmware.