EzGYM · OCPP 1.6J

How to set up Mennekes Amtron Professional with EzGYM

https://www.ezgym.net/en/free-ocpp-server/mennekes-amtron

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 Mennekes Amtron Professional:
   - **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.

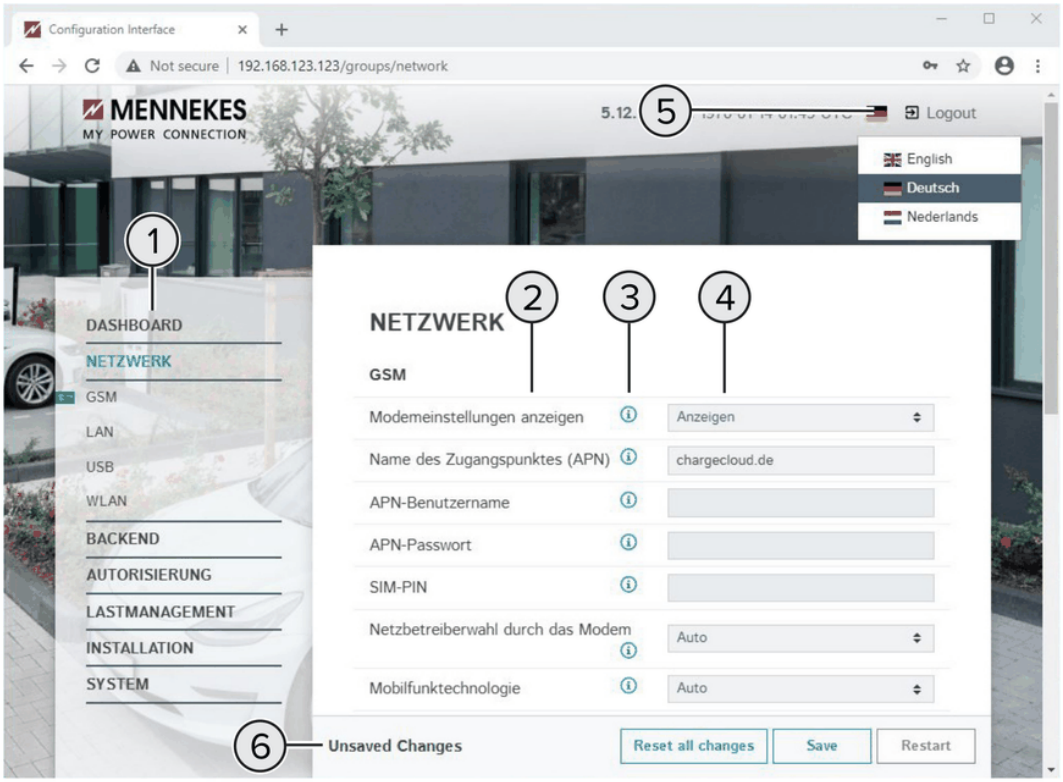
2. Configure the Mennekes Amtron Professional

The Amtron Professional is commissioned by an electrician from its web interface, with the **operator** user. The password is on the commissioning data sheet supplied with the unit.

1. Connect to the web interface:
   - **Over the network**: with the charger connected to the router by cable (DHCP by default), open `http://<charger IP>`. You can see the IP in the router.

- **Over USB**: connect the computer to the micro USB port of the controller (ECU) and open `http://192.168.123.123`.
- **With a direct cable**: set the computer to IP `192.168.124.21`, mask `255.255.255.0`, and open `http://192.168.124.123`.

2. Sign in with the **operator** user and the password from the commissioning data sheet. You can change the language at the top right.



Source: MENNEKES, “AMTRON Professional (PnC) TC 22 – Operating and installation manual (FW 5.23, 2024)”, p. 88

3. Open the **Backend** menu and fill in:
   - **Connection Type**: **Ethernet**, or **GSM** if it uses a SIM (the APN goes under **Network → GSM**).
   - **OCPP Mode**: **OCPP-J 1.6**.
   - **WebSockets JSON OCPP URL of the Backend**: the full address, `wss://charger.ezgym.net/ev4k2p9x7q1m` (or `ws://devices.ezdis.net:9000/ev4k2p9x7q1m`).

    - **HTTP Basic Authentication password**: the EzGYM password. Mennekes recommends always using it when the charger goes over the public internet.

4. Tap **Save** and then **Restart**.

3. Check the connection

Dashboard shows the charger status. In EzGYM, the charger turns **Available** within a minute or two, with its brand, model and firmware.

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 · www.mennekes.org

Configuration guide

PDF · www.mennekes.org

User and installation manual

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