EzDIS · OCPP 1.6J

How to set up Alfen Eve Single / Double Pro-line with EzDIS

https://www.ezdis.net/en/free-ocpp-server/alfen-eve-pro-line

1. Create the charger in EzDIS

1. Sign in to EzDIS, 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 Alfen Eve Single / Double Pro-line:
   - **Server address (OCPP URL)**: `ws://devices.ezdis.net:9000/ev4k2p9x7q1m`.
   - **Secure address (wss://)**: `wss://charger.ezdis.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.

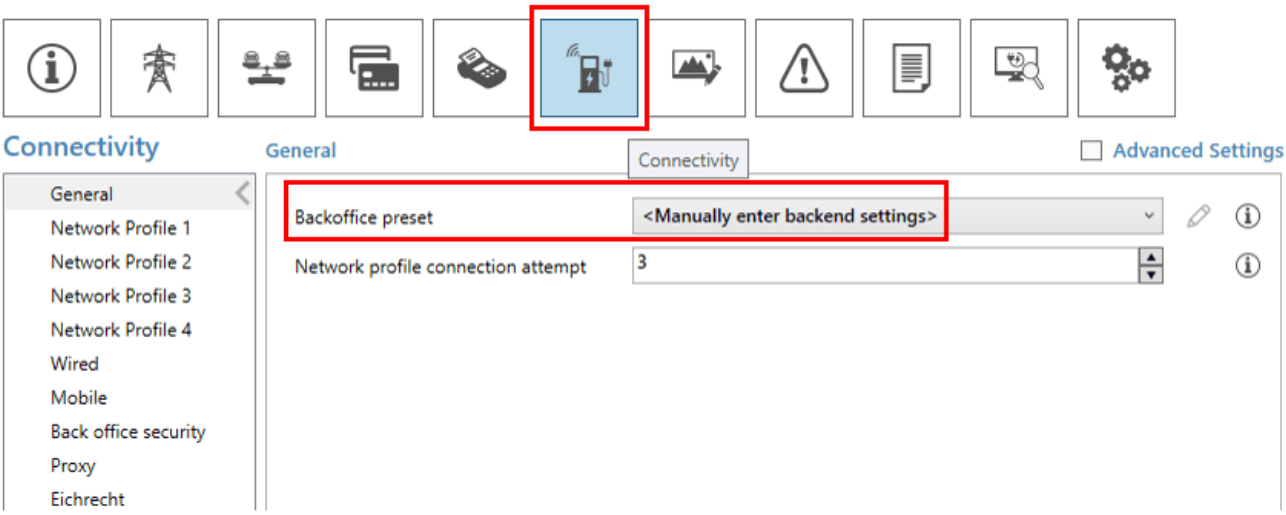
If the charger has a separate field for the identifier, fill it in and still paste the full address: EzDIS recognizes the charger even if it adds its identifier or serial number to the end.

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

2. Configure the Alfen Eve Single / Double Pro-line

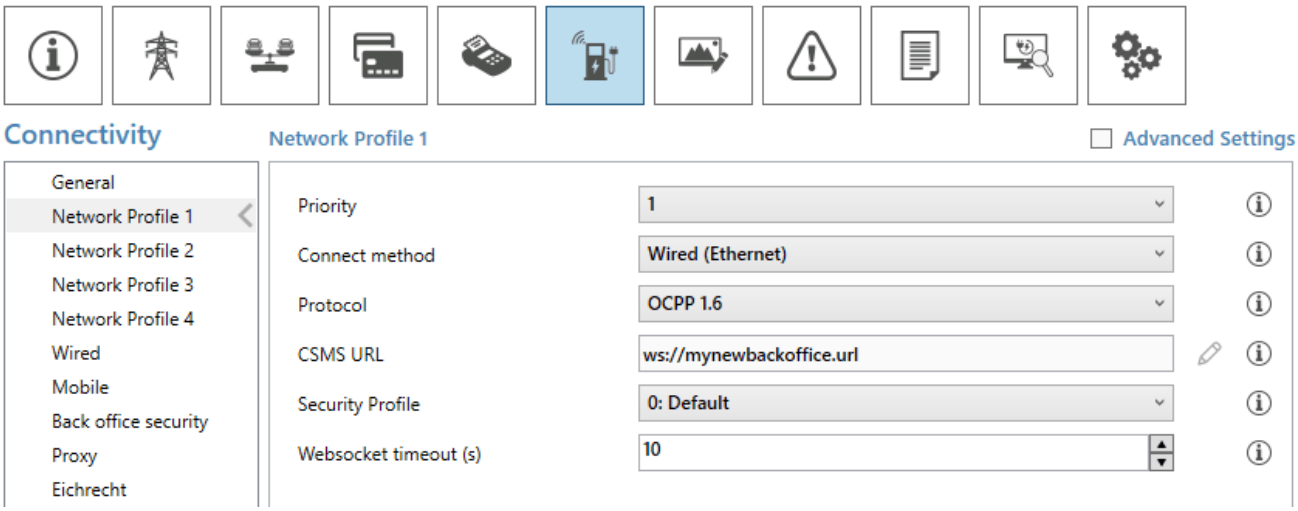
Alfen chargers are configured on site with **ACE Service Installer**, a Windows program that connects to the charger. Using it requires an installer account requested from Alfen. These are Alfen's steps for chargers on firmware 6.0 or later; for firmware 5.8.1 or earlier, Alfen has a separate guide.

1. Connect the computer to the charger and open ACE Service Installer with your account.
2. Go to the **Connectivity → General** tab and, under **Backoffice preset**, choose **Manually enter backend settings**. Click **Save**.



Source: Alfen, “KA-01098 Changing the Backoffice of a charging station with FW6.0 or higher”

3. In **Network Profile 1**, fill in:
    - **Priority**: 1.
    - **Connect method**: how it reaches the internet (for example **Wired (Ethernet)**).
    - **Protocol**: **OCPP 1.6**.
    - **CSMS URL**: the full address, `wss://charger.ezdis.net/ev4k2p9x7q1m` (or `ws://devices.ezdis.net:9000/ev4k2p9x7q1m`).
    - **Security Profile**: **0: Default**, as in Alfen's screenshot.
4. Click **Save**. If it also uses mobile data, repeat in **Network Profile 2** and fill in the **Mobile** tab.
5. Restart the charger if it does not restart by itself.



Source: Alfen, “KA-01098 Changing the Backoffice of a charging station with FW6.0 or higher”

3. Check the connection

Within a minute or two the charger shows as **Available** in EzDIS, even if it presents itself with its own number: we recognize it by the ev… identifier in the address.

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 EzDIS, register RFID cards, charge per kWh and see each person's usage: it is all in the EV chargers manual.

Manuals and documentation

WEB · knowledge.alfen.com

Configuration guide

WEB · EN · NG9xx / AHP · aceservice.alfen.com

OCPP technical reference

WEB · EN · ACE Service Installer · knowledge.alfen.com

Configuration guide

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