EzDIS · OCPP 1.6J

How to set up Zaptec Pro with EzDIS

https://www.ezdis.net/en/free-ocpp-server/zaptec-pro

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 Zaptec Pro:
    - **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.

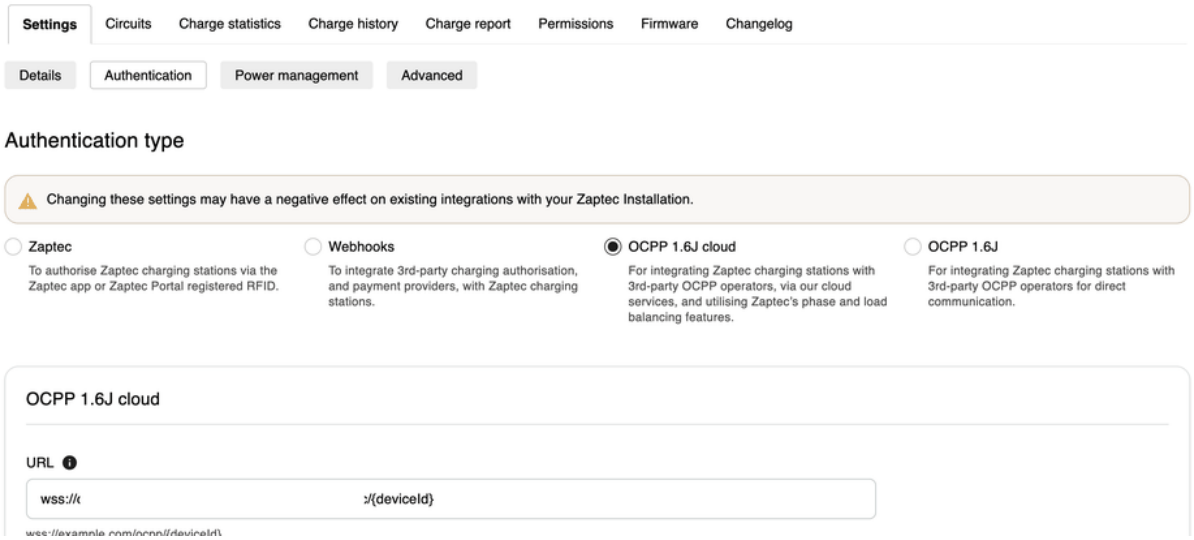
2. Configure the Zaptec Pro

Zaptec is configured in the **Zaptec Portal** (or the Zaptec app), on the installation, with owner or service permission. Direct OCPP 1.6J needs recent firmware: Go 2.4.2.4 or later (EU; 2.5.1.0 in the UK), Go 2 3.2.1.0 or later and Pro from serial number ZPR080000 with 7.5.4.0 or later.

1. In the Zaptec Portal, open the installation and go to **Settings → Authentication**.
2. Under **Authentication type**, choose **OCPP 1.6J** (direct connection from the charger). **OCPP 1.6J cloud** goes through the Zaptec cloud and also works.
3. In **URL** type:
    - **With a single charger in the installation**: the full address, `wss://charger.ezdis.net/ev4k2p9x7q1m`.

- **With several**: `wss://charger.ezdis.net/{deviceId}`. Zaptec replaces `{deviceId}` with each charger's serial number (for example ZCS000143).

4. Keep **Authorisation required** on, so EzDIS validates the RFID cards, and tap **Save**.



Source: Zaptec, “Configuring your installation to an OCPP server”

5. Open each charger and, at the bottom of its settings tab, under **OCPP Settings → Password**, enter that charger's EzDIS password. The installation URL overrides the charger's, so there is no need to change it there.



Source: Zaptec, “Configuring your installation to an OCPP server”

3. Check the connection

With the full address, the charger shows as **Available** in EzDIS within a minute or two. If you used `{deviceId}`, each charger presents itself with its serial number: open each charger's page in EzDIS from the site's network and tap **It is “…”** when “A charger is trying to connect from your network as ZCS…” appears. For several chargers choose **OCPP 1.6J** (direct): with **OCPP 1.6J cloud** the connection comes from the Zaptec cloud, not from your network, and that notice does not appear.

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 · docs.zaptec.com

Configuration guide

WEB · EN · OCPP 1.6J Cloud · docs.zaptec.com

Configuration guide

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