EzDIS · OCPP 1.6J

How to set up ABB Terra AC Wallbox with EzDIS

https://www.ezdis.net/en/free-ocpp-server/abb-terra-ac

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 ABB Terra AC Wallbox:
   - **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.

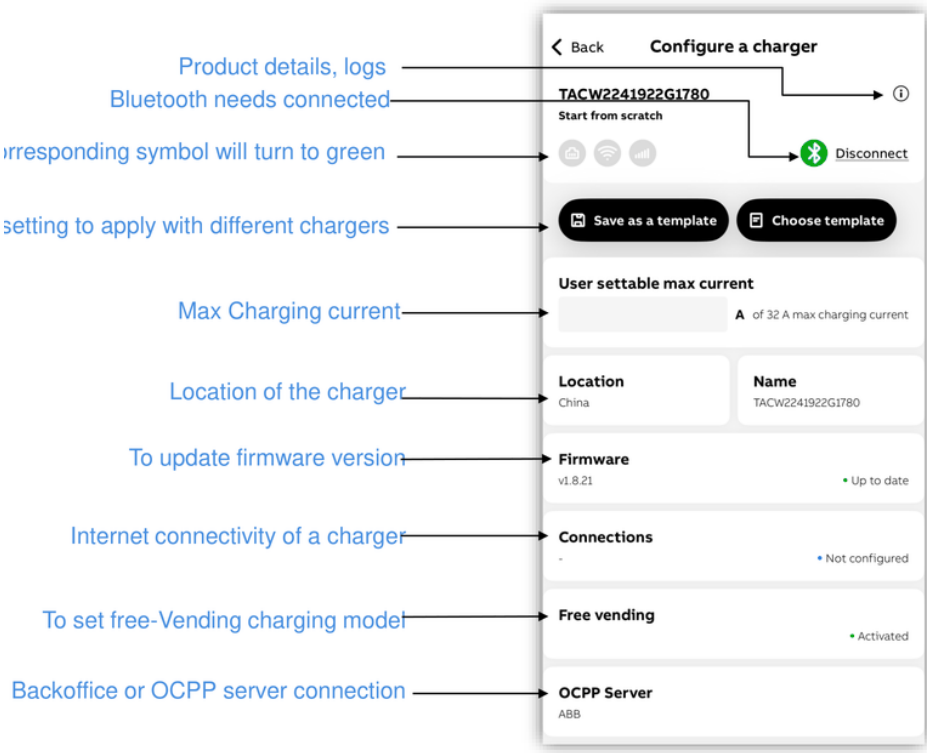
If the charger has a separate field for the identifier, fill it in and still paste the full address: EzDIS recognizes the charger even if it adds its identifier or serial number to the end.

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

2. Configure the ABB Terra AC Wallbox

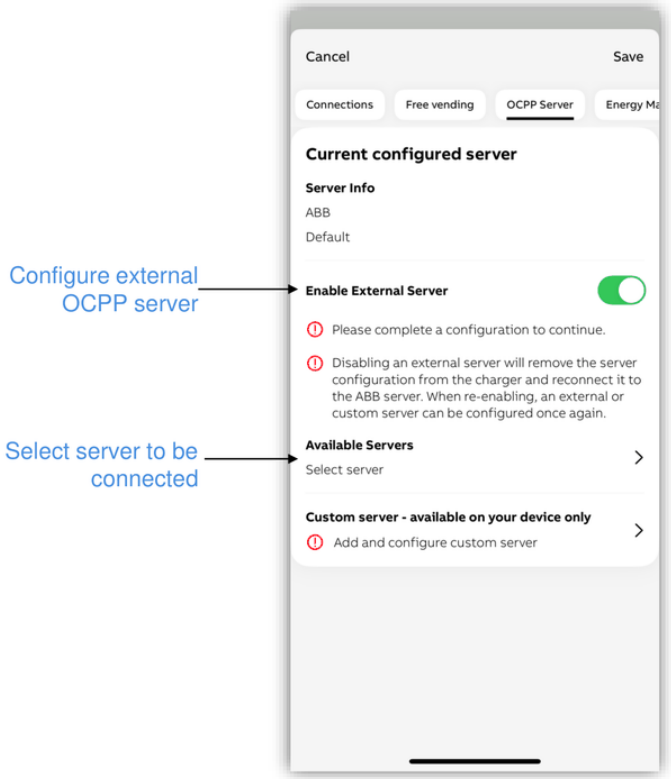
The Terra AC is configured over Bluetooth with ABB's **TerraConfig** app (free installer account). With your own server, ABB only allows an unencrypted connection (ws://). The charger adds its serial number (starting with TACW) to the end of the address by itself.

1. Turn on your phone's Bluetooth, open TerraConfig, tap **Configure a charger** and pick your charger from the list (or scan the serial number barcode). Enter the charger PIN.
2. In **Configure a charger**, first give it internet access under **Connections** (Wi-Fi, Ethernet or 4G, depending on the model). Then open **OCPP Server**.



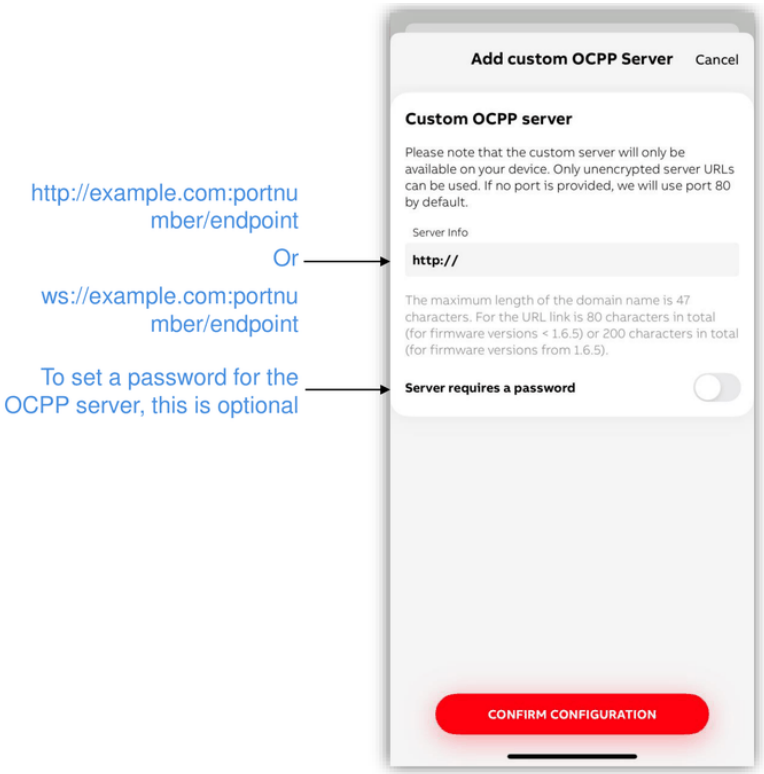
Source: ABB, “TerraConfig User Guide V2.0”, p. 16

3. Turn on **Enable External Server** and, at the bottom, tap **Custom server – Add and configure custom server**.



Source: ABB, “TerraConfig User Guide V2.0”, p. 21

4. In **Server Info** type the full unencrypted address, `ws://devices.ezdis.net:9000/ev4k2p9x7q1m`. If you turn on **Server requires a password**, enter the EzDIS password. It is optional.
5. Tap **Confirm configuration**: TerraConfig sends all changes to the charger at once and shows the progress in green or, if something fails, in red.



Source: ABB, “TerraConfig User Guide V2.0”, p. 23

3. Check the connection

Within a minute or two the charger shows as **Available** in EzDIS, even though it presents itself with its serial 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

PDF · library.e.abb.com

User and installation manual

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