EzDIS · OCPP 1.6J

How to set up Growatt THOR with EzDIS

https://www.ezdis.net/en/free-ocpp-server/growatt-thor

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 Growatt THOR:
   - **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.

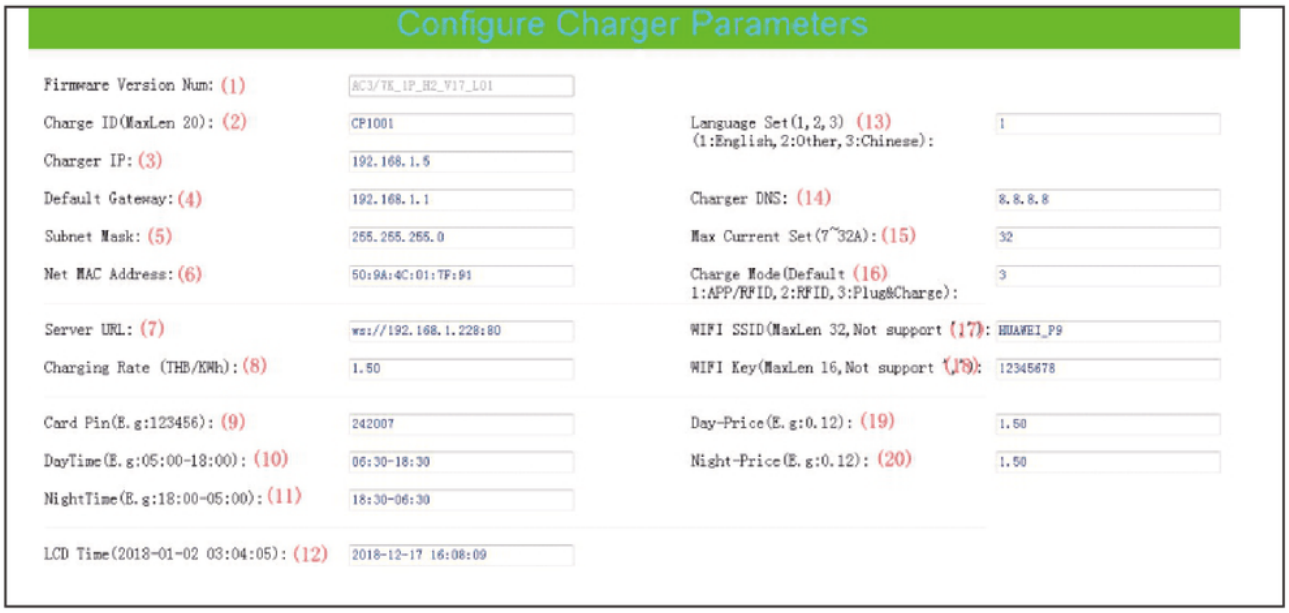
The data above is an example: use your charger's own. Each charger has its own identifier.

2. Configure the Growatt THOR

The THOR is configured from its internal web page (Service Tool), with a computer connected to the charger by network cable. From there it stops reporting to the Growatt cloud and talks to EzDIS instead.

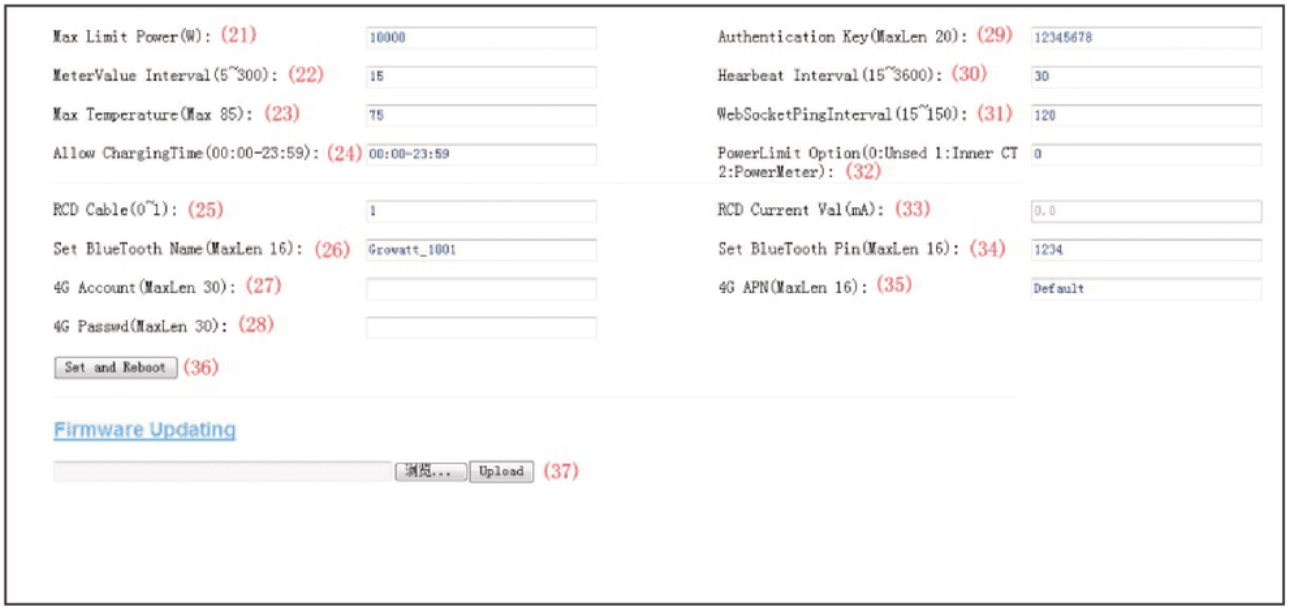
1. Connect the computer to the charger with a network cable. Set the computer to the fixed IP `192.168.1.10`, mask `255.255.255.0` and gateway `192.168.1.1` (the charger's IP is `192.168.1.5`).
2. Open `http://192.168.1.5:8080/` in the browser. Growatt recommends Internet Explorer or Firefox.

3. Under **Configure Charger Parameters**, fill in:
    - **Charge ID**: your identifier, `ev4k2p9x7q1m` (up to 20 characters).
    - **Server URL**: the full address, `wss://charger.ezdis.net/ev4k2p9x7q1m` (or `ws://devices.ezdis.net:9000/ev4k2p9x7q1m`).
    - **WIFI SSID** and **WIFI Key**, if it will reach the internet over Wi-Fi.



Source: Growatt, “THOR 11kW/22kW AC EV Charger – User Manual (2023)”, p. 22

4. At the bottom of the page, click **Set and Reboot**. Growatt says not to change **Authentication Key** or **Heartbeat Interval**.



Source: Growatt, “THOR 11kW/22kW AC EV Charger – User Manual (2023)”, p. 22

3. Check the connection

Once the charger restarts, within a minute or two it shows as **Available** in EzDIS. If you ever factory-reset it (holding the reset button on the board), you need to enter the Charge ID and Server URL again.

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 · growatt.tech

User and installation manual

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