# Congratulations, you're certified!

You are now guaranteed compatibility with the GreenFlux eMobility platform.

**eldon** INSTALLATION

**Model:**

Duo Smart

**Firmware version:**

1.8.0

**AC/DC:**

AC

**Certification date:**

26-01-2026

**Certication level:**

- [✓] OCPP 1.6 JSON
- [ ] OCPP 2.0.1 Core
- [ ] Smart Charging 1.6 JSON
- [ ] Eichrecht

## for Charge Stations connected to GreenFlux Platform using OCPP1.6 via JSON

**Manufacturer Name: Eldon**

**Hardware model: DUO**

**Firmware 1.8.0**

**Tester: Mohanad Elsawy**

**Date: 1/26/2026**

| Step | OCPP Profile | Action | Pass | Remarks |
|------|-------------|--------|------|---------|
| Step | OCPP Profile | Action | Pass | Remarks |
| 1 | Core | Boot charging station | ✔ | - Does not send ICCID and IMSI |
| 2 | Core | Change availability | ✔ | |
| 3 | Core | Get Configuration | ✔ | |
| 4 | Core | Change Configuration | ✔ | |
| 5 | Core | Heartbeat | ✔ | |
| 6 | Core | Charging Session - Local - Plugin first | ✔ | - To stop charging via RFID need to set PresentingRFIDEndCharging=True |
| 7 | Core | Charging Session - Local - Identification first - Connection Loss | | - WebSocketPingTimeout should be larger than WeSocketPingInterval or the charger will fail to connect back |
| 8 | Core | Charging session - Local - Identification first - Connection TimeOut | ✔ | |
| 9 | Core | Hard Reset - During Charging session | ✔ | - Goes to Preparing instead of Finishing after reboot |
| 10 | Core | Hard Reset - No charging session | ✔ | |
| 11 | Core | Soft Reset - During Charging session | ✔ | - Goes to Preparing instead of Finishing after reboot |
| 12 | Core | Soft Reset - No charging session | ✔ | |
| 13 | Core | Charging session - Local - Unauthorized | ✔ | |
| 14 | Core | Charging session - Remote Start and Stop Transaction - Cable first | ✔ | |
| 15 | Core | Charging session - Remote Start Transaction - Request first - Unlock Connector | ✔ | |
| 16 | Core | Hardware related notification / error condition | ✔ | |
| 17 | Firmware Management | Remote Firmware update - Download failed | ✔ | |
| 18 | Firmware Management | Remote Firmware update - Installation failed | ✔ | - If the link does not have the right extension(.raucb) it |

| Step | OCPP Profile | Action | Pass | Remarks |
|------|--------------|--------|------|---------|
| 19 | Firmware Management | Remote Firmware update - Download & install | ✔ | |
| 20 | Firmware Management | Remote get diagnostics report | ✔ | |
| 21 | Firmware Management | Remote get diagnostics - fail | ✔ | |
| 22 | Core | Clear cache | ✔ | |
| 23 | Remote Trigger | TriggerMessage | ✔ | - Diagnostic Status not implemented -FirmwareStatus not implemented |

| Step | OCPP Profile | Action | Pass | Remarks |
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| 19 | Firmware Management | Remote Firmware update - Download & install | ✔ | |
| 20 | Firmware Management | Remote get diagnostics report | ✔ | |
| 21 | Firmware Management | Remote get diagnostics - fail | ✔ | |
| 22 | Core | Clear cache | ✔ | |