Congratulations, you're certified!

You are now guaranteed compatibility with the GreenFlux eMobility platform.

greenflux

ALFEN

Model:

Twin 5 Plus

Firmware version:

2.0.0

AC/DC:

AC

Certification date:

04-04-2025



Certication level:

- [x] 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: Alfen

Hardware model: AHP

Firmware 2.0.0

Tester: Mohanad Elsawy

Date: 4/4/2025

Step	OCPP Profile	Action	Pass	Remarks
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1	Core	Boot charging station	✔	
2	Core	Change availability	✔	
3	Core	Get Configuration	✔	
4	Core	Change Configuration	✔	
5	Core	Heartbeat	✔	
6	Core	Charging Session - Local - Plugin first	✔	
7	Core	Charging Session - Local - Identification first - Connection Loss	✔	Sends 3 Finishing status instead of 1
8	Core	Charging session - Local - Identification first - Connection TimeOut	✔	
9	Core	Hard Reset - During Charging session	✔	
10	Core	Hard Reset - No charging session	✔	
11	Core	Soft Reset - During Charging session	✔	- Sends charging status twice when we start the charging session. - Sends Unavailable twice on connector 1 after it reboots - Stops the transaction but the charger does not actually reboot
12	Core	Soft Reset - No charging session	✔	- Sends 2 Unavailable messages for both connector 1 and 2 before it reboots - Received 2 Available status notifications for connectorid 0
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	✔	- Received 3 finishing statuses instead of 1
16	Core	Hardware related notification / error condition	✔	

Step	OCPP Profile	Action	Pass	Remarks
17	Firmware Management	Remote Firmware update - Download failed	✔	
18	Firmware Management	Remote Firmware update - Installation failed	✔	- DownloadFailed instead of InstallingFailed
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	✔	