

Congratulations, you're certified!

You are now guaranteed compatibility
with the GreenFlux eMobility platform.



Models

AHP

Firmware Version

2.0.0

Certification date

04/04/2025

Certification level

- OCPP 1.6 JSON
- OCPP 2.0.1 Core
- Smart Charging 1.6 JSON
- Eichrecht



OCPP Integration Test Report



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

Manufacturer Name: Alfen
Hardware model: AHP
Firmware: 2.0.0
Tester: Mohanad Elsayy
Date: 04-04-25

Step	OCPP Profile	Action	Pass	Remarks
1	Core	Boot charging station	Y	
2	Core	Change availability	Y	
3	Core	Get Configuration	Y	
4	Core	Change Configuration	Y	
5	Core	Heartbeat	Y	
6	Core	Charging Session - Local - Plugin first	Y	
7	Core	Charging Session - Local - Identification first - Connection Loss	Y	Sends 3 Finishing status instead of 1
8	Core	Charging session - Local - Identification first - Connection TimeOut	Y	
9	Core	Hard Reset - During Charging session	Y	
10	Core	Hard Reset - No charging session	Y	
11	Core	Soft Reset - During Charging session	Y	- 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	Y	- 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	Y	
14	Core	Charging session - Remote Start and Stop Transaction - Cable first	Y	
15	Core	Charging session - Remote Start Transaction - Request first - Unlock Connector	Y	- Received 3 finishing statuses instead of 1
16	Core	Hardware related notification / error condition	Y	
17	Firmware Management	Remote Firmware update - Download failed	Y	
18	Firmware Management	Remote Firmware update - Installation failed	Y	- DownloadFailed instead of InstallingFailed
19	Firmware Management	Remote Firmware update - Download & install	Y	
20	Firmware Management	Remote get diagnostics report	Y	
21	Firmware Management	Remote get diagnostics - fail	Y	
22	Core	Clear cache	Y	
23	Remote Trigger	TriggerMessage	Y	