Congratulations, you're certified!

You are now guaranteed compatibility with the GreenFlux eMobility platform.

greenflux

alpitronic

Model:

Hypercharger HYC 300

Firmware version:

Hyc_v2.2.1

AC/DC:

DC

Certification date:

03-05-2024



Certication level:

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

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

Manufacturer Name: Alpitronic

Hardware model: HYC-400

Firmware hyc_v2.3.2

Tester: Mohanad Elsawy

Date: 1/9/2025

Step	OCPP Profile	Action	Pass	Remarks
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1	Core	Boot charging station	✔	Connectors go to Unavailable after the boot notification before going to Available again.
2	Core	Change availability	✔	
3	Core	Get Configuration	✔	
4	Core	Change Configuration	✔	
5	Core	Heartbeat	✔	
6	Core	Charging Session - Local - Plugin first	✔	After swiping get an Invalid authorization as well as an accepted authorization. Should not be getting an invaid especiually when it shows an ID other than the one we used to start the transaction. Not sure of the source of the id mentioned
7	Core	Charging Session - Local - Identification first - Connection Loss	✔	- To start/stop a transaction the connector must be chosen first from the charger then you swipe the card or vice versa. Swiping alone will not start/stop the transaction - MeterValues are not sent after the charger connects back to the internet
8	Core	Charging session - Local - Identification first - Connection TimeOut	✔	- Have to swipe and then select a connector for it to go into Preparing Status
9	Core	Hard Reset - During Charging session	✔	
10	Core	Hard Reset - No charging session	✔	
11	Core	Soft Reset - During Charging session	✔	
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	✔	Unlock Connector not supported since it’s a DC charger
16	Core	Hardware related notification / error condition	N/A	

Step	OCPP Profile	Action	Pass	Remarks
17	Firmware Management	Remote Firmware update - Download failed	N/A	Could not test because Upgrade file was not available
18	Firmware Management	Remote Firmware update - Installation failed	N/A	
19	Firmware Management	Remote Firmware update - Download & install	N/A	
20	Firmware Management	Remote get diagnostics report	✘	Upload Failed
21	Firmware Management	Remote get diagnostics - fail	✔	
22	Core	Clear cache	✔	
23	Remote Trigger	TriggerMessage	✔	

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

Manufacturer Name: Alpitronic

Hardware model: HYC300

Firmware hyc_v2.2.1

Date: 9/10/2024

1	Smart Charging	Send 2 Charging Profiles & Validate Metervalues	Y	This only covers the DC smart charging
1	Smart Charging	Send 2 Charging Profiles & Validate Metervalues	✔	This only covers the DC smart charging
2	Smart Charging	Verify TxDefaultProfiles	✔	
3	Smart Charging	Clear ChargingProfiles	✔	