

Congratulations, you're certified!

You are now guaranteed compatibility
with the GreenFlux eMobility platform.



KATHREIN
Digital Systems GmbH

Models

KWB-AC40E

Firmware Version

2.5.1

Certification date

01/07/2025

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: Kathrein
Hardware model: KWB-AC40E
Firmware: 2.4.1
Tester: Mohanad Elsayy
Date: 20-05-25

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	When you swipe invalid card there was no messages received as expected. Charger should send an Authorization: Invalid message. But the invalid card didn't stop ongoing charging session - which is correct behavior.
7	Core	Charging Session - Local - Identification first - Connection Loss	Y	
8	Core	Charging session - Local - Identification first - Connection TimeOut	Y	
9	Core	Hard Reset - During Charging session	Y	Charger Point Status not changing to "Unavailable" during reset
10	Core	Hard Reset - No charging session	Y	
11	Core	Soft Reset - During Charging session	Y	Charger Point Status not changing to "Unavailable" during reset
12	Core	Soft Reset - No charging session	Y	
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	
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	
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	

Smart Charging Integration Test Report



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

Manufacturer Name: Kathrein
Hardware model: KWBAC40E
Firmware: 2.5.1
Tester: Mohanad Elsayy
Date: 01-07-25

Step	OCPP Profile	Action	Pass	Remarks
1	Smart Charging	Send 3 ChargingProfiles & validate Metervalues	Y	
2	Smart Charging	Verify TxDefaultProfiles	Y	
3	Smart Charging	Clear ChargingProfiles	Y	