

Test Report for Charge Stations connected to GreenFlux Platform using OCPP1.6 via JSON	
Manufacturer Name:	Smart Energy lab
Hardware model:	EDGE2.0
Firmware	2.5
Tester:	Wei Wang
Date:	29/01/2024

Step	OCPP Profile	Action	Timestamp	Pass	Remarks
1	Core	Boot charging station	2024-01-29	Y	
2	Core	Change availability	2024-01-29	Y	
3	Core	Get Configuration	2024-01-29	Y	
4	Core	Change Configuration	2024-01-29	Y	
5	Core	Heartbeat	2024-01-29	Y	
6	Core	Charging Session - Local - Plugin first	2024-01-29	Y	* As per the manufacturer's instructions, each connector is associated with a specific parking spot and links to a target EV user. When the cable is connected, a default PIN, functioning as an Idtag, is transmitted to the backend system for authorization. Upon successful authorization, the transaction will start.
7	Core	Charging Session - Local - Identification first - Connection Loss	2024-01-29	Y	
8	Core	Charging session - Local - Identification first - Connection TimeOut	2024-01-29	Y	
9	Core	Hard Reset - During Charging session	2024-01-29	Y	* Stop Transaction received as expected before the hard reset. Because of the implementation of the charger (See step 6), if the cable remain connected, the transaction will restarts after the charger reboots.
10	Core	Hard Reset - No charging session	2024-01-29	Y	
11	Core	Soft Reset - During Charging session	2024-01-29	N	* The charger stops the ongoing transaction and restarts the application software, however, there is no reboot afterward. Minor issue.
12	Core	Soft Reset - No charging session	2024-01-29	N	* The charger restarts the application software, however, there is no reboot afterward. Minor issue.
13	Core	Charging session - Local - Unauthorized	2024-01-29	Y	
14	Core	Charging session - Remote Start and Stop Transaction - Cable first	2024-01-29	N/A	* Not applicable to test plugin first scenario, when the cable is plugging, the transaction automatically starts due to manufacturer's implementation. (See step 6)
15	Core	Charging session - Remote Start Transaction - Request first - Unlock Connector	2024-01-29	Y	
16	Core	Hardware related notification / error condition	2024-01-29	Y	
17	Firmware Management	Remote Firmware update - Download failed	2024-01-29	N/A	* Not Applicable to test, the Firmware update is performed by the manufacturer.
18	Firmware Management	Remote Firmware update - Installation failed	2024-01-29	N/A	
19	Firmware Management	Remote Firmware update - Download & install	2024-01-29	N/A	
20	Firmware Management	Remote get diagnostics report	2024-01-29	Y	
21	Firmware Management	Remote get diagnostics - fail	2024-01-29	Y	
22	Core	Clear cache	2024-01-29	Y	
23	Remote Trigger	TriggerMessage	2024-01-29	Y	