

Test Report for Charge Stations connected to GreenFlux Platform using OCPP1.6 via JSON	
Manufacturer	StarCharge
Hardware model	DH-DC1800SG58/Titan120
Firmware	1.3.0.1.4b157
Tester:	Carmen Schaack/StarCharge: Kanak Redij
Date:	24/08/2022

Step	OCPP Profile	Action	Timestamp	Pass	Remarks
1	Core	Boot charging station	2022-08-24 10:04:59	Y	
2	Core	Change availability	2022-08-24 10:05:54	Y	
3	Core	Get Configuration	2022-08-24 10:06:38	Y	
4	Core	Change Configuration	2022-08-24 10:07:49	Y	
5	Core	Heartbeat	2022-08-24 10:08:32	Y	
6	Core	Charging Session - Local - Plugin first	2022-08-24 10:15:08	Y	
7	Core	Charging Session - Local - Identification first - Connection Loss	2022-08-24 10:23:50	Y	
					The charger doesn't send a 'preparing' status after swiping. It sends this status afterwards together with the StartTransaction. Kanak to check if we can get preparing status straight after authorization. We tested the 'connection timeout' successfully with the RemoteStartTransaction -> went to preparing, then changed back to available after 30 seconds as expected.
8	Core	Charging session - Local - Identification first - Connection TimeOut	2022-08-24 10:27:34	N	
9	Core	Hard Reset - During Charging session	2022-08-24 10:31:14	Y	
10	Core	Hard Reset - No charging session	2022-08-24 10:33:45	Y	
11	Core	Soft Reset - During Charging session	2022-08-24 10:41:36	Y	
12	Core	Soft Reset - No charging session	2022-08-24 10:43:34	Y	
13	Core	Charging session - Local - Unauthorized	2022-08-24 10:43:43	Y	
14	Core	Charging session - Remote Start and Stop Transaction - Cable first	2022-08-24 10:47:11	Y	
					We couldn't test 'unlock connector' in the test environment because the lock is on the car. Kanak to check if it can be implemented so that we could unlock the connector remotely.
15	Core	Charging session - Remote Start Transaction - Request first - Unlock Connector	2022-08-24 10:50:39	not tested	
16	Core	Hardware related notification / error condition	2022-08-24 10:51:26	Y	
17	Firmware Man.	Remote Firmware update - Download failed	2022-08-24 10:54:44	Y	
18	Firmware Man.	Remote Firmware update - Installation failed	2022-08-24 11:01:53	not tested	Will test next time.
					Couldn't update firmware. Upload failed message received. Will retest.
19	Firmware Man.	Remote Firmware update - Download & install	2022-08-24 11:02:06	N	
20	Firmware Man.	Remote get diagnostics report	2022-08-24 11:03:16	Y	
21	Firmware Man.	Remote get diagnostics - fail	2022-08-24 11:14:49	Y	
22	Core	Clear cache	2022-08-24	Y	
23	Remote Trigger	TriggerMessage	2022-08-24	Y	

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