

Test Report for Charge Stations connected to GreenFlux Platform using OCPP1.6 via JSON	
Manufacturer Name:	Xcharge
Hardware model:	C7
Firmware	V2.1.28_OCPP_C7_STA_240426-exhibit-240
Tester:	Mohanad Elsayy
Date:	5/17/2024

Step	OCPP Profile	Action	Timestamp	Pass	Remarks
1	Core	Boot charging station	2024-04-11 11:11:11	Y	
2	Core	Change availability	2024-04-11 11:11:11	Y	
3	Core	Get Configuration	2024-04-11 11:11:11	Y	
4	Core	Change Configuration	2024-04-11 11:11:11	Y	
5	Core	Heartbeat	2024-04-11 11:11:11	Y	
6	Core	Charging Session - Local - Plugin first	2024-04-11 11:11:11	Y	☒It does not send an invalid authorization if you swipe an invalid card during a charging session
7	Core	Charging Session - Local - Identification first - Connection Loss	2024-04-11 11:11:11	Y	☒It does not support identification first. The charger must be plugged in first - Metervalues are only sent after the charger connects back if the connection was lost for 3*heartbeatInterval
8	Core	Charging session - Local - Identification first - Connection TimeOut	2024-04-11 11:11:11	N	☒Connection timeout does not actually control anything because the charger does not support swiping first ☒The charger does not change to preparing when you swipe the card so it cant timeout - Even when it is plugged in and the status changes to preparing it does not actually timeout
9	Core	Hard Reset - During Charging session	2024-04-11 11:11:11	Y	
10	Core	Hard Reset - No charging session	2024-04-11 11:11:11	Y	
11	Core	Soft Reset - During Charging session	2024-04-11 11:11:11	Y	
12	Core	Soft Reset - No charging session	2024-04-11 11:11:11	Y	
13	Core	Charging session - Local - Unauthorized	2024-04-11 11:11:11	Y	☒Does not support Swiping first. It needs to be plugged in before the charger can read any RFID cards.
14	Core	Charging session - Remote Start and Stop Transaction - Cable first	2024-04-11 11:11:11	Y	
15	Core	Charging session - Remote Start Transaction - Request first - Unlock Connector	2024-04-11 11:11:11	Y	Does not support Unlock Connector
16	Core	Hardware related notification / error condition	2024-04-11 11:11:11	Y	
17	Firmware Management	Remote Firmware update - Download failed	2024-04-11 11:11:11	Y	
18	Firmware Management	Remote Firmware update - Installation failed	2024-04-11 11:11:11	Y	☒After it downloads the file it goes straight into "installation failed" instead of "installing" then "installation failed"
19	Firmware Management	Remote Firmware update - Download & install	2024-04-11 11:11:11	Y	
20	Firmware Management	Remote get diagnostics report	2024-04-11 11:11:11	Y	
21	Firmware Management	Remote get diagnostics - fail	2024-04-11 11:11:11	Y	
22	Core	Clear cache	2024-04-11 11:11:11	Y	
23	Remote Trigger	TriggerMessage	2024-04-11 11:11:11	Y	