

Test Report for Charge Stations connected to GreenFlux Platform using OCPP1.6 via JSON	
Manufacturer Name:	Teltonika Energy
Hardware model:	TeltoCharge
Firmware	v1.9.5
Tester:	Wei Wang
Date:	15/09/2023

Step	OCPP Profile	Action	Timestamp	Pass	Remarks
1	Core	Boot charging station	2023-08-07 13:12:16	Y	* Connect with WIFI during the test. According to the manufacturer implementation, the ICCID information will show on Boot Notification when the charger connect with SIM card.
2	Core	Change availability	2023-08-07 13:12:56	Y	
3	Core	Get Configuration	2023-08-07 13:13:04	Y	
4	Core	Change Configuration	2023-08-07 13:16:37	Y	
5	Core	Heartbeat	2023-08-07 13:17:22	Y	
6	Core	Charging Session - Local - Plugin first	2023-08-07 13:30:25	Y	
7	Core	Charging Session - Local - Identification first - Connection Loss	2023-08-07 13:46:14	Y	* During the first attempt, the charger need to reboot in order to reconnect to the Backend. The second attempt, the charger return online as expected. * The charger will not send all Meter Values during the offline transaction after return connection with Backend, The Stop Transaction send as expected.
8	Core	Charging session - Local - Identification first - Connection TimeOut	2023-08-07 13:47:02	Y	
9	Core	Hard Reset - During Charging session	2023-08-07 13:53:22	Y	* Stop Transaction received as expected. * It is recommended that the charger change the status to Unavailable during the hard reset. * The EV simulator is used during the test, get error message from the charger after reboot when the cable is still plugged. (Error info: Simplified CP denied), this is due to the usage of EV simulator.
10	Core	Hard Reset - No charging session	2023-08-07 13:54:20	Y	* It is recommended that the charger change the status to Unavailable during the hard reset.
11	Core	Soft Reset - During Charging session	2023-08-07 13:58:40	Y	* Stop Transaction received as expected. * It is recommended that the charger change the status to Unavailable during the soft reset. * The EV simulator is used during the test, get error message from the charger after reboot when the cable is still plugged. (Error info: Simplified CP denied), this is due to the usage of EV simulator.
12	Core	Soft Reset - No charging session	2023-08-07 13:59:46	Y	It is recommended that the charger change the status to Unavailable during the soft reset.
13	Core	Charging session - Local - Unauthorized	2023-08-07 14:02:19	Y	
14	Core	Charging session - Remote Start and Stop Transaction - Cable first	2023-08-07 14:04:10	Y	
15	Core	Charging session - Remote Start Transaction - Request first - Unlock C	2023-08-07 14:05:42	Y	
16	Core	Hardware related notification / error condition	2023/09/15 13:08:28	Y	
17	Firmware Management	Remote Firmware update - Download failed	2023-08-07 14:12:26	Y	Receive DownloadFailed.
18	Firmware Management	Remote Firmware update - Installation failed	2023-09-12 13:39:24	Y	Receive InstallationFailed as expected.
19	Firmware Management	Remote Firmware update - Download & install	2023-09-12 13:12:37	Y	Receive Installed as expected. The charger reboot afterwards as expected. Only two FirmwareStatusNotifications received, after charger sends Downloading, the second FirmwareStatusNotification is Installed. The general flow is: Downloading -> Downloaded -> Installing -> Installed. Minor issue.
20	Firmware Management	Remote get diagnostics report	2023-09-12 13:34:28	Y	During first attempt to download the diagnostics file, the charger rebooted itself but the diagnostics file was uploaded (Possible due to temporary network issues) on the FTP server. We have retested Get Diagnostics two times afterwards and we have not detected any further issues. It is recommended to set Retries to 2 for Get Diagnostics command. The file will not be uploaded if Retries are set to 0.
21	Firmware Management	Remote get diagnostics - fail	2023-09-12 13:38:14	Y	UploadFailed received as expected.
22	Core	Clear cache	2023-08-07 14:38:27	Y	
23	Remote Trigger	TriggerMessage	2023-08-07 14:39:51	Y	