

Congratulations, you're certified!

You are now guaranteed compatibility
with the GreenFlux eMobility platform.



ABB

Models

Terra AC W11

Firmware Version

1.8.3

Certification date

26/11/2024

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: ABB
Hardware model: Terra AC W11
Firmware: 1.8.3
Tester: Mohanad Elsayy
Date: 26-11-24

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	
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	- Does not go to Unavailable before rebooting - Goes to Preparing instead of Finishing after the reboot.
10	Core	Hard Reset - No charging session	Y	Does not go to Unavailable before rebooting
11	Core	Soft Reset - During Charging session	Y	- Does not go to Unavailable before rebooting Goes to Preparing instead of Finishing after the reboot.
12	Core	Soft Reset - No charging session	Y	Does not go to Unavailable before rebooting
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	Only works using https
18	Firmware Management	Remote Firmware update - Installation failed	Y	- Goes to "Download Failed" instead of going Downloading->Downloaded->Installing->InstallationFailed - Only works using https
19	Firmware Management	Remote Firmware update - Download & install	Y	- Goes to Downloading-> Unavailable(actually does the upgrade)-> Downloaded-> Installing-> Installed. Unavailable should be sent after installing. The charger should follow this order: Downloading-> Downloaded-> Installing-> Unavailable(actually does the upgrade)-> Installed - Only works using https
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: ABB
Hardware model: Terra AC W11
Firmware: 1.8.3
Date: Mohanad Elsayy
26-11-24

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	