Congratulations, you're certified!

You are now guaranteed compatibility with the GreenFlux eMobility platform.

greenflux

BeNeutral



Model:

BeNeutral-V4

Firmware version:

V5.0.0

AC/DC:

AC

Certification date:

06-05-2026

Certication level:

- [x] OCPP 1.6 JSON
- [ ] OCPP 2.0.1 Core
- [x] Smart Charging 1.6 JSON
- [ ] Eichrecht

for Charge Stations connected to GreenFlux Platform using OCPP1.6 via JSON

Manufacturer Name: Withus

Hardware model: BeNeutral-V4

Firmware V5.0.0

Tester: Malgorzata Guzel

Date: 5/6/2026

Step	OCPP Profile	Action	Pass	Remarks
Step	OCPP Profile	Action	Pass	Remarks
1	Core	Boot charging station	✔	• SIM-card–based mobile data connectivity is not supported by this charger model.
2	Core	Change availability	✔	
3	Core	Get Configuration	✔	
4	Core	Change Configuration	✔	
5	Core	Heartbeat	✔	
6	Core	Charging Session - Local - Plugin first	✔	• The second authorization request was not sent by the charger.
7	Core	Charging Session - Local - Identification first - Connection Loss	✔	
8	Core	Charging session - Local - Identification first - Connection TimeOut	✔	
9	Core	Hard Reset - During Charging session	✔	• After the reboot, the charger briefly changed status to ‘Available’ and then switched to ‘Preparing’.
10	Core	Hard Reset - No charging session	✔	
11	Core	Soft Reset - During Charging session	✔	• After the reboot, the charger briefly changed status to ‘Available’ and then switched to ‘Preparing’.
12	Core	Soft Reset - No charging session	✔	
13	Core	Charging session - Local - Unauthorized	✔	• When an invalid card is swiped, the charger sends a ‘Preparing’ status and then reverts to ‘Available’ when the authorization fails.
14	Core	Charging session - Remote Start and Stop Transaction - Cable first	✔	
15	Core	Charging session - Remote Start Transaction - Request first - Unlock Connector	✔	
16	Core	Hardware related notification / error condition	✔	

Step	OCPP Profile	Action	Pass	Remarks
17	Firmware Management	Remote Firmware update - Download failed	-	• This functionality is managed directly by the manufacturer on their own platform.
18	Firmware Management	Remote Firmware update - Installation failed	-	
19	Firmware Management	Remote Firmware update - Download & install	-	
20	Firmware Management	Remote get diagnostics report	-	
21	Firmware Management	Remote get diagnostics - fail	-	
22	Core	Clear cache	✔	• No cache is present on the charger.
23	Remote Trigger	TriggerMessage	✔	• Trigger messages for DiagnosticsStatusNotification and FirmwareStatusNotification are accepted by the charger, but not executed; this functionality is not supported.

for Charge Stations connected to GreenFlux Platform using OCPP1.6 via JSON

Manufacturer Name: Withus

Hardware model: BeNeutral-V4

Firmware V5.0.0

Date: 26.05.2026

1	Smart Charging	Send 3 ChargingProfiles & validate Metervalues	Y
1	Smart Charging	Send 3 ChargingProfiles & validate Metervalues	✔
2	Smart Charging	Verify TxDefaultProfiles	✔
3	Smart Charging	Clear ChargingProfiles	✔