AUTEL Integration

Product: DH480

Tested firmware version: PFD0004 V1.01.12|V1.01.13|V1.00.10|V3.01.39

Participants

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Open Points

No open points left.

Date: 15.05.2025

Main Points

Scope of test:

1. OCPP security

2. Core Profile

3. Local Authorization List

4. Reservation

5. Remote Trigger

6. Smart Charging

7. Firmware Management

8. UK Regulations

9. Eichrecht

10. Auto Charge

11. ISO15118 Plug and Charge

12. Tariffs and Costs

13. Display Messages

14. QR Codes

15. Solar Energy

OCPP Details

OCPP ID: DE7480B2GRCC00008B

OCPP Endpoint: wss://cpc.stable.qa.charge.ampeco.tech:443/integration

OCPP Security: Level 2 - TLS with Basic Authentication

Support of secure connection: Secure and non-secure

OCPP Version: 2.0.1

Date: 15.05.2025

OCPP Brief Test Results

Legend:

❌	Test not passed	⚠️	Test passed with a warning
✅	Test passed	⊗	Feature not supported

Results:

Profile	OCPP Process	Comments	Result
OCPP Security	Secure connection		✅
	Security profiles		✅
	Security Upgrade		✅
Core	Reset	Soft and Hard	✅
	Change/Get configuration		✅
	Start/Stop transaction requests		✅
	Start/Stop with unknown RFID		✅
	Start/Stop with registered RFID		✅
	Request Start/Stop		✅
	Session Expiration		✅
	Transaction Events		✅
	Status Reporting		✅

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	Error Handling		✅
	Offline Messages		✅
	Change Availability		✅
	Unlock Connector	DC Charge Point	✖
Remote Trigger	Trigger Messages		✅
Local Authorization List	Send/Get local authorization list		✅
	Start/Stop with Local Authorization		✅
	Clear Cache		✅
Reservation	Reserve/Cancel		✅
	Start Session		✅
	Reservation Expiration		✅
Smart Charging	Smart Charging Profiles		✅
	Smart Charging Profiles with multiple periods		✅
	Remote Start with smart profile		✅
	Apply Profile ongoing transaction		✅
	Clear Charging Profiles		✅
	Clear Profile ongoing transaction		✅
Firmware Management	Firmware Download and Install		✅
	Firmware status notifications		✅

	Secure Firmware update		✅
	Get Log Request		✅
	Diagnostic status notifications		✅

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AMPECO CHARGE

Non-OCPP Brief Test Results

UK Regulations & Eichrecht Results:

Topic	Requirement	Comments	Result
UK Regulations	UKCA certification	To be tested	
	Smart profiles	To be tested	
	Off-peak configuration	To be tested	
	Off-peak Online and Offline modes	To be tested	
	Randomised delay configuration	To be tested	
	Randomised Delay Online and Offline modes	To be tested	
	Clear randomised delay	To be tested	
	Periodic update checks	To be tested	
	Signed firmware update	To be tested	
	Tamper Trigger	To be tested	
	SecurityEventNotification for tamper detection	To be tested	
	Available security logs	To be tested	
	Security logs downloadable over OCPP	To be tested	
Eichrecht	Public Key		✖
	Signed Data		✖

Auto Charge & ISO15118 Results:

Topic	Requirement	Comments	Result
Auto Charge	Reads the mac address		✅

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	Reports the address		✅
ISO15118	Is PnC Hubject certified	To be tested	

Tariffs and Costs & Display Messages & QR Codes Results:

Topic	Requirement	Comments	Result
Tariffs and Costs	Enable/Disable	To be tested	
	DefaultPrice configuration	To be tested	
	User-specific Price	To be tested	
	Final Cost	To be tested	
	Running Cost	To be tested	
Display Messages	Configuration keys		❌
QR Codes	Available over OCPP		❌

Solar Energy Results:

Topic	Requirement	Comments	Result
Solar Energy	Enable/Disable		❌
	Modes configuration		❌
	Meter readings		❌