OCPP 1.6 Subset Certificate



Certificate holder: HUMAX EV

Certificate number: OCA.0016.0665.CS

Product type: Charging Station

Product designation: HEV-S2007A

OCPP Software version: HMI.02.00.08 Hardware feature set as stated below

Certification date: March 12, 2024

This certificate attests that the above mentioned product successfully completed certification testing in conformance with the reference specification OCPP 1.6 – Edition 2 with OCPP 1.6 Errata sheet (v4.0 Release, 2019-10-23). The optional features of the protocol covered by this certificate can be found in the abstract of this certificate.

Test cases have been performed as described in the test report referred to below. The results and remarks can be found in the complete test report.

Applied tests	Performed by / on	Document evidence
Conformance testing according to the test specification referenced by the test report	Korea Smart Grid Association, March 12, 2024	(KSGA)HUMAXEV_Test Report_HEV- S2007A_v1.5

The abstract of test report in the Annex is an integral part of this certificate. This certificate is valid from the Certification Date specified above. This certificate is only applicable to the product designation described above and permits the use of the OCPP logo as laid down in the OCA certification logo license agreement on this product only.

This certificate shall neither be tendered nor accepted by any party as a guarantee covering quality of a product which includes OCPP. The Open Charge Alliance, and/or its agents, including, inter-alia, test laboratories, disclaim liability for any damages or losses incurred by the certified company or by any other party resulting from reliance on the results of OCPP certification testing.

For the Open Charge Alliance:

ONOPH CARON
Chairman



Abstract of test report

Test Result Summary

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Test Report OCPP 1.6 Certification				
Test laboratory:	Korea Smart Grid Association			
Location:	Seoul, Korea			
Test execution location:	KSGA Test lab			
Test Report Reference: KSGA-OCPP1.6TEST-035-2024				
Vendor name:	HUMAX EV Co.,Ltd.			
Device Under Test:	Charging Station			
Communication:	JSON			
OCPP Software version:	HMI.02.00.08			
Product designation:	HEV-S2007A			

Troduct designation.		
Test Result Summary	for the co	ertified functionalities
Functionalities	OCPP 1.6 Certification Test Results	Description
Core	Pass	Basic Charging Station functionality for booting, authorization (incl. cache if available), configuration, transactions, remote control.
Optional features		
Firmware Management	Pass	Support for (remote) firmware update management and diagnostic log file download.
Smart Charging	N/A	Support for Smart Charging (all profile types, including stacking), to control charging.
Reservation	N/A	Support for reservation of a connector of a Charging Station.
Local Authorization List Management	N/A	Features to manage a local list in the charging station containing authorization data for whitelisting users.
Remote Trigger	N/A	Support for remotely triggering messages that originate from a Charging Station. This can be used for resending messages or for getting the latest information from the Charging Station.

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Performance Measurement Results

Name	PICS value	Measured value	Description
OCPP triggered function timeout:	10s	00:00:04	The response time for when waiting for an OCPP function with its corresponding request message. (Firmware update, Diagnostics and Reboot are excluded from this measurement.)
OCPP response timeout:	10s	00:00:02	The response time for when waiting for an OCPP response message.
Response time RemoteStartTransaction:	10s	00:00:00	The response time for the RemoteStartTransaction message.

Test Configuration

Vendor	HUMAX EV Co.,Ltd.	
DUT / SUT	Charging Station	
Communication	JSON	
Туре	HEV-S2007A	
OCPP Software version	HMI.02.00.08	
OCTT version	OCTT 1.6 v1.4.3	

Hardware feature set				
Feature Configuration				
Socket(s) / connector(s)	Single			
Fixed cable	<yes></yes>			
Communication technology	Ethernet, Mobile network			
RFID readers Single				

Non-OCPP Charge Point Configuration				
Configuration key Value				
<> <>				



LocalAuthListMaxLength - SendLocalListMaxLength - ReserveConnectorZeroSupported - ChargeProfileMaxStackLevel - ChargingScheduleAllowedChargingRateUnit - ChargingScheduleMaxPeriods - ConnectorSwitch3to1PhaseSupported - MaxChargingProfilesInstalled -	OCPP Charging Station Configuration				
AuthorizationCacheEnabled	Configuration key	Value			
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SupportedFileTransferProtocols http://www.https	MaxChargingProfilesInstalled	-			
	SupportedFileTransferProtocols	http,https			

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Statement of Approval

Vendor		Date : 2024.03.12
Name	LEE JUNG HON	Signature
Company	HUMAX EV Co.,Ltd.	
Department	SW TEAM 1	2/2/2017
Position	Team Leader	- Stabillo
Location	Seongnam, Korea	

Test laboratory			Date : 2024.03.12
Name	Name Philip YANG S		Signature
Company	Korea Smart Grid Association		4
Department Quality Certification Center			
Position	on Chief Researcher		
Location	Seoul, Korea		