OCPP 1.6 Full Certificate



Certificate holder:	WELLBIOTECEVC Co., Ltd
Certificate number:	OCA.0016.0195.CS
Product type:	Charging Station
Product designation:	LUCY-C007S OCPP Software version: v1.0.1 Hardware feature set as stated below
Certification date:	September 27, 2022

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 are also covered by this certification.

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, September 27, 2022	KSGA_Test Report_20220927_WELLBIOTEC

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

Test R	eport OCPP 1.6 Certification
Test laboratory:	Korea Smart Grid Association
Location:	Seoul , Korea
Test Report Reference:	KSGA-OCPP1.6TEST-114-2022
Vendor name:	WELLBIOTECEVC Co., Ltd.
Device Under Test:	Charging Station
Communication:	JSON
OCPP Software version:	v1.0.1
Test Result Sun	nmary for the certified functionalities
Functionalities	OCPP 1.6 Description Certification Test Results
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

Optional reactives		
Firmware Management	Pass	Support for (remote) firmware update management and diagnostic log file download.
Smart Charging	Pass	Support for Smart Charging (all profile types, including stacking), to control charging.
Reservation	Pass	Support for reservation of a connector of a Charging Station.
Local Authorization List Management	Pass	Features to manage a local list in the charging station containing authorization data for whitelisting users.
Remote Trigger	Pass	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

Performance Measurement Results				
Name	PICS value	Measured value	Description	
OCPP triggered function timeout:	30s	00:00:07	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:	30s	00:00:01	The response time for when waiting for an OCPP response message.	
Response time RemoteStartTransaction:	30s	00:00:01	The response time for the RemoteStartTransaction message.	

Test Configuration

VendorWELLBIOTECEVC Co., Ltd.DUT / SUTCharging StationCommunicationJSONTypeLUCY-C007SOCPP Software versionv1.0.1OCTT versionOCTT 1.6 v1.4.3

Test Configuration

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

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

All other relevant limits and non-OCPP settings that are relevant for the test laboratory and for the correct functioning of the CSMS:

Limit / setting	Value
Device supports sending milliseconds in timestamps.	No

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SCPP_{1.6} Fully Certified

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Statement of Approval

Vendor			Date: 2022.09.27
Name	Gu Sei Hyun	Γ	Signature
Company	WELLBIOTECEVC Co., Ltd.		
Department	President	Γ	전라북도 군산시 욕구읍 광혈안길 27, 1총 주식회사 웰바이오텍이브이씨
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Name	Philip YANG	Signature
Company	Korea Smart Grid Association	4
Department	Quality Certification Center	
Position	Senior Researcher	
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