OCPP 1.6 CORE CERTIFIED

Certificate Holder:	**PSTEC Co., Ltd.**
Certificate Number:	**OCA.0016.1189.CSMS**
Product Type:	**Charging Station Management System**
Product Designation:	**ChargeBox**
OCPP Software Version:	**EVCMS-V3.1.6-R20260201**
Certification Date:	**January 19, 2026**

This certificate attests that the above mentioned product successfully completed certification testing in conformance with the reference specification OCPP 1.6 (Edition 2 FINAL, 2017-09-28 including Errata 2025-04) and Security Whitepaper Edition 3 (Improved security for OCPP 1.6-J v1.3, 2022-02-17). The optional OCPP protocol features that are covered by this certificate can be found in the Abstract of the Test Report that is part 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 this complete test report.

Applied	Performed by / On	Document Evidence
Conformance testing according to the test specification referenced by the test report	Korea Smart Grid Association January 19, 2026	PSTEC_PICS 1.6 CSMS_ChargeBox_v3.0.2

The abstract of test report 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 the Test Report

Test Report OCPP 1.6 Certification

Test laboratory:	Korea Smart Grid Association
Location:	Seoul, Korea
Test Report Reference:	KSGA-OCPP1.6TEST-003-2026

Product Designation:	ChargeBox
Vendor name:	PSTEC Co., Ltd.
Device Under Test:	Charging Station Management System
OCPP Software Version:	EVCMS-V3.1.6-R20260201
Config ID:	72EC6232

Test Result Summary for the Certified Functionalities

Certification Profile	Test Result	Description
Core	Pass	Charging Station functionality for booting, authorization, configuration, transactions, remote control, local authorization list management, reservations, secure firmware updates and Security Profile 2.
Advanced Security	Pass	Support for TLS with client authentication.
Smart Charging	Pass	Support for Smart Charging, to control charging.

Optional Features

The OCPP specification contains many implementation options that can be selected by a vendor, often in the form of optional message fields or configuration variables, that can be used to support advanced functions. Whereas the certification profiles determine which OCPP functionality is implemented, the features describe how much of a certain functionality in a profile has been implemented. The tables below indicate per certification profiles, for each available optional feature within this profile, whether this has been implemented in this product and tested for conformance or not.

Core

ID	Core Features	Supported / Present
C-11	Security Profile 1: Unsecured Transport with Basic Authentication	No

Additional Questions

ID	Additional Questions for Lab Testing	Answer
AQ-10	Can your CSMS be configured to first respond to a BootNotificationRequest with status Pending or Rejected?	No

Performance Measurement Result

The tables below shows the list of key performance indicators that are measured during the conformance test. The first table indicates the values that the vendor indicates that are valid maximum values for this product. The second table lists the actual performance measurements during the tests performed in a controlled environment.

Name	Max Value	Unit	Description
OCPP response time	3	seconds	The timeout used for exchanging OCPP response messages. Messages to the DUT can be handled within this timeout.
Response time Authorize	2	seconds	The response time for the Authorize message.

Name	Min Value	Max Value	Average Value	Unit
OCPP response time	0.59	2.73	0.68	seconds
Response time Authorize	0.61	1.22	0.69	seconds

Communication technology used during performance measurement	Ethernet

Statement of Approval

Vendor		
Name	Choi Seung Jong	Date: 2026-01-19
Company	PSTEC Co., Ltd.	Signature:
Department	R&D Center	
Position	General Manager	
Location	Gyeonggi, Korea	

Test Laboratory		
Name	Philip YANG	Date: 2026-01-19
Name reviewer	Joe Lee	Signature:
Company	Korea Smart Grid Association	
Department	Quality Certification Center	
Position	Chief Researcher	
Location	Seoul, Korea	

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