Certificate Holder: AI-RIDER CORPORATION

Certificate Number: OCA.0016.1050.CSMS

Product Type: Charging Station Management System

Product Designation: AI-RIDER CSMS

OCPP Software Version: 1.0.0

Certification Date: May 7, 2025

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). 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 Testing Certification institute May 7, 2025	KTC2025-00108_OCPP-1.6-PICS-CSMS-2.0.2_250507_signed

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 Testing Certification institute
Location:	Gyeonggi-do Korea
Test Report Reference:	KTC2025-00108

Product Designation:	AI-RIDER CSMS
Vendor name:	AI-RIDER CORPORATION
Device Under Test:	Charging Station Management System
OCPP Software Version:	1.0.0
Config ID:	D4A7A98C

Test Result Summary for the Certified Functionalities

Certification Profile	Test Result	Description
Core	Pass	Basic Charging Station functionality for booting, authorization, configuration, transactions, remote control, including basic security.
Firmware Management	Pass	Support for firmware update management and diagnostic log file download.
Local Authorization List Management	Pass	Features to manage a local list in the charging station containing authorization data for whitelisting users.
Smart Charging	Pass	Support for Smart Charging, to control charging.
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.
Reservation	Pass	Support for reservation of a connector of a Charging Station.

Certification Extension	Test Result	Description
Security extension	Pass	Implementation of the whitepaper: Improved security for OCPP 1.6-J

Authenticity of this certificate can be verified at   www.openchargealliance.org

Security Extension

ID	Security Extension	Supported / Present
SEC-1	Security Profile 1: Unsecured Transport with Basic Authentication	Yes
SEC-2	Security Profile 2: TLS with Basic Authentication	Yes
SEC-3	Security Profile 3: TLS with Client Side Certificates	Yes

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	30	seconds	The timeout used for exchanging OCPP response messages. Messages to the DUT can be handled within this timeout.
Response time Authorize	30	seconds	The response time for the Authorize message.

Name	Min Value	Max Value	Average Value	Unit
OCPP response time	0.24	0.64	0.29	seconds
Response time Authorize	0.26	0.38	0.30	seconds

Communication technology used during performance measurement	Ethernet/Cloud

Statement of Approval

Vendor

Name	MIN JHIH HUANG	Date: 2025-05-07
Company	AI-RIDER CORPORATION	Signature:
Department	R&D Division, AI Department	
Position	Associate	MIN-JHIH HUANG
Location	Taiwan	

Test Laboratory

Name	Hye Min Kwon	Date: 2025-05-07
Name reviewer	SOL CHO	Signature:
Company	Korea Testing Certification institute	
Department	EV Charging&Power Transfer Center	
Position	Research engineer	
Location	Gyeonggi-do Korea	

OCTT Version	Release_2025-04
OCTT Instance ID	0f7cdcf5f0b83c129c1515cd77770cfe