

# OCPP 1.6 Security Certificate



**Certificate holder:** Koolsign Co., Ltd.  
**Certificate number:** OCA.0016.0756.CS  
**Product type:** Charging Station  
**Product designation:** KCA7P-L5G  
OCPP Software version: v1.4.10  
**Certification date:** May 13, 2024

This certificate attests that the above mentioned product successfully completed security certification testing in conformance with the reference specification Security Whitepaper – Edition 3 (Improved security for OCPP 1.6-J v1.3, 2022-02-17). The security profiles 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
<i>Conformance testing according to the test specification referenced by the test report</i>	<i>Korea Testing Certification institute, May 13, 2024</i>	<i>KTC2024-00306_Test report</i>

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

A blue ink signature of Onoph Caron, the Chairman of the Open Charge Alliance.


## Abstract of test report


### Test Result Summary

Test Report OCPP 1.6 Certification	
<b>Test laboratory:</b>	Korea Testing Certification institute
<b>Location:</b>	Gyeonggi-do Korea
<b>Test Report Reference:</b>	KTC2024-00266
<b>Vendor name:</b>	Koolsign Co., Ltd
<b>Device Under Test:</b>	Charging Station
<b>Communication:</b>	JSON
<b>OCPP Software version:</b>	v1.4.10
<b>Hardware feature set:</b>	
<b>Socket(s) / connector(s)</b>	single
<b>Fixed cable</b>	Yes
<b>Communication technology</b>	Ethernet
<b>RFID readers</b>	single

Test Result Summary for the certified security functionalities		
Functionalities	OCPP 1.6 Security Certification Test Results	Description
<b>Security Profile 1</b>	<b>N/A</b>	Unsecured Transport with Basic Authentication Profile 1 is optional.
<b>Security Profile 2</b>	<b>Pass</b>	TLS (1.2 or higher) with Basic Authentication Security profile 2 or security profile 3 or both must be implemented.
<b>Security Profile 3</b>	<b>N/A</b>	TLS (1.2 or higher) with Client Side Certificates Security profile 2 or security profile 3 or both must be implemented.

Statement of Approval

Vendor		Date: 2024-05-13
Name	Inseok Seo	Signature 
Company	Koolsign Co., Ltd	
Department	Software Development	
Position	Principal Research engineer	
Location	Seoul, Korea	

Test laboratory		Date: 2024-05-13
Name	Sol Cho	Signature 
Company	Korea Testing Certification institute	
Department	EV Charging & Power Transfer Center	
Position	Research engineer	
Location	Gyeonggi-do, Korea	