OCPP 1.6
Security Certificate

Certificate holder:	**Sicon Chat Union Electric Co., Ltd**
Certificate number:	OCA.0016.0483.CS
Product type:	Charging Station
Product designation:	EVMS OCPP Software version: 1.4.0
Certification date:	August 29, 2023

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
Conformance testing according to the test specification referenced by the test report	*DNV Singapore Pte. Ltd.,* August 29, 2023	*DNV_OCPP 1.6 Test Report_CP_SCU*

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

<table>
<tr><td colspan="2">Test Report OCPP 1.6 Certification</td></tr>
<tr><td>Test laboratory:</td><td>DNV Singapore Pte. Ltd.</td></tr>
<tr><td>Location:</td><td>Shijiazhuang, Hebei, China</td></tr>
<tr><td>Test Report Reference:</td><td>DNV_OCPP1.6_TEST_CP_20230829</td></tr>
<tr><td>Vendor name:</td><td>Sicon Chat Union Electric Co., Ltd</td></tr>
<tr><td>Device Under Test:</td><td>Charging Station</td></tr>
<tr><td>Communication:</td><td>JSON</td></tr>
<tr><td>OCPP Software version:</td><td>1.4.0</td></tr>
</table>

Test Result Summary for the certified security functionalities

Functionalities	OCPP 1.6 Security Certification Test Results	Description
Security Profile 1	Pass	Unsecured Transport with Basic Authentication Profile 1 is optional.
Security Profile 2	Pass	TLS (1.2 or higher) with Basic Authentication Security profile 2 or security profile 3 or both must be implemented.
Security Profile 3	Pass	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: 2023.08.29	
Name	Liu Ya Feng	Signature	
Company	Sicon Chat Union Electric Co., Ltd		
Department	e-Mobility		
Position	CTO		
Location	Shijiazhuang, Hebei, China		

Test laboratory		Date: 2023.08.29	
Name	Sukoco	Signature	
Company	DNV Singapore Pte. Ltd.		
Department	Energy Systems		
Position	Senior Consultant		
Location	Singapore		