OCPP 1.6
Security Certificate

Certificate holder: Shenzhen SETEC Power Co., Ltd

Certificate number: OCA.0016.0566.CS

Product type: Charging Station

Product designation: SET 1000
OCPP Software version: V1.6.200.231218

Certification date: December 21, 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.,* December 21, 2023	*DNV_OCPP 1.6 Test Report_CP_SET 1000*

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 Report OCPP 1.6 Certification	
Test laboratory:	**DNV Singapore Pte. Ltd.**
Location:	Singapore
Test Report Reference:	DNV_OCPP1.6_TEST_CP_SET 1000
Vendor name:	**Shenzhen SETEC Power Co., Ltd**
Device Under Test:	Charging Station
Communication:	JSON
OCPP Software version:	V1.6.200.231218
Hardware feature set:	
Socket(s) / connector(s)	Multiple
Fixed cable	Yes
Communication technology	Wifi, Ethernet Connection, Mobile Network
RFID readers	Single

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: 2023.12.21
Name	Chen Taotao	Signature
Company	Shenzhen SETEC Power Co., Ltd	
Department	R & D	
Position	R & D Engineer	
Location	Shenzhen, China	

Test laboratory		Date: 2023.12.21
Name	Ivan Christian	Signature
Company	DNV Singapore Pte. Ltd.	
Department	Energy Systems	
Position	Senior Consultant	
Location	Singapore	