

# OCPP 1.6 Security Certificate



**Certificate holder:** XJ Power Co., Ltd.  
**Certificate number:** OCA.0016.0720.CS  
**Product type:** Charging Station  
**Product designation:** iEVQC33  
OCPP Software version: V1.10  
**Certification date:** April 24, 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>DNV Singapore Pte. Ltd., April 24, 2024</i>	<i>DNV_OCPC 1.6 Test Report_CP_iEVQC33_signed</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, Chairman of the Open Charge Alliance.


## Abstract of test report


### Test Result Summary

Test Report OCPP 1.6 Certification	
<b>Test laboratory:</b>	DNV Singapore Pte. Ltd.
<b>Location:</b>	Singapore
<b>Test Report Reference:</b>	DNV_OCPP1.6_TEST_CP_iEVQC33
<b>Vendor name:</b>	XJ Power Co., Ltd.
<b>Device Under Test:</b>	Charging Station
<b>Communication:</b>	JSON
<b>OCPP Software version:</b>	V1.10
<b>Hardware feature set:</b>	
<b>Socket(s) / connector(s)</b>	Multiple
<b>Fixed cable</b>	Yes
<b>Communication technology</b>	Wifi, Ethernet Connection, Mobile Network
<b>RFID readers</b>	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	N/A	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: 2024.04.24
Name	Zhen Zhang	Signature 
Company	XJ Power Co., Ltd.	
Department	Electric Vehicle Charging Equipment Division	
Position	Project Manager	
Location	China	

Test laboratory		Date: 2024.04.24
Name	Liu Xinyang	Signature 
Company	DNV Singapore Pte. Ltd.	
Department	Energy Systems	
Position	Consultant	
Location	Singapore	