

OCPP 1.6 Security Certificate



Certificate holder: ABB E-mobility B.V.
Certificate number: OCA.0016.0654.CS
Product type: Charging Station
Product designation: Terra 184
OCPP Software version: 1.7.4.135
Certification date: April 19, 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>DEKRA Certification, Inc., April 19, 2024</i>	<i>04248_TestReport_ABB</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	
Test laboratory:	DEKRA Certification, Inc
Location:	Sterling, VA
Test Report Reference:	4248.001
Vendor name:	ABB E-mobility B.V.
Device Under Test:	Charging Station
Communication:	JSON
OCPP Software version:	1.7.4.135
Hardware feature set:	
Socket(s) / connector(s)	Multiple
Fixed cable	Yes
Communication technology	Ethernet, 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	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:	4/19/2024
Name	Waqas Arshad	Signature	 DocuSigned by: Waqas Arshad 04B295F0B1754CB...
Company	ABB E-mobility B.V.		
Department	Hardware		
Position	Head of Platform		
Location	Raleigh, NC		

Test laboratory		Date:	4/18/2024
Name	Gonzalo Casado	Signature	 DocuSigned by: Gonzalo Casado A83FDC36D49B407...
Company	DEKRA Certification Inc		
Department	Carrier & Connectivity Services		
Position	Carrier & Connectivity Lab Manager		
Location	Sterling, VA		