OCPP 1.6
Full Certificate

OCPP1.6
Fully
Certified

Certificate holder:	Schneider Electric Industries SAS
Certificate number:	OCA.0016.0714.CS
Product type:	Charging Station
Product designation:	EVlink Pro DC 180
	OCPP Software version: 2.6.0
	Hardware feature set as stated below
Certification date:	March 28, 2024

This certificate attests that the above mentioned product successfully completed certification testing in conformance with the reference specification OCPP 1.6 – Edition 2 with OCPP 1.6 Errata sheet (v4.0 Release, 2019-10-23). The optional features of the protocol are also covered by this certification.

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., March 28, 2024*	*DNV_OCPP 1.6 Test Report_CP_Evlink Pro DC 180_signed*

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 execution location:	China
Test Report Reference:	DNV_OCPP1.6_TEST_CP_EVlink Pro DC 180
Vendor name:	**Schneider Electric Industries SAS**
Device Under Test:	Charging Station
Communication:	JSON
OCPP Software version:	2.6.0
Product designation:	EVlink Pro DC 180

Test Result Summary for the certified functionalities		
Functionalities	**OCPP 1.6 Certification Test Results**	**Description**
Core	Pass	Basic Charging Station functionality for booting, authorization (incl. cache if available), configuration, transactions, remote control.
Optional features		
Firmware Management	Pass	Support for (remote) firmware update management and diagnostic log file download.
Smart Charging	Pass	Support for Smart Charging (all profile types, including stacking), to control charging.
Reservation	Pass	Support for reservation of a connector of a Charging Station.
Local Authorization List Management	Pass	Features to manage a local list in the charging station containing authorization data for whitelisting users.
Remote Trigger	Pass	Support for remotely triggering messages that originate from a Charging Station. This can be used for resending messages or for getting the latest information from the Charging Station.

Performance Measurement Results

Name	PICS value	Measured value	Description
OCPP triggered function timeout:	30 seconds	0:00:10	The response time for when waiting for an OCPP function with its corresponding request message. (Firmware update, Diagnostics and Reboot are excluded from this measurement.)
OCPP response timeout:	10 seconds	0:00:01	The response time for when waiting for an OCPP response message.
Response time RemoteStartTransaction:	5 seconds	0:00:00	The response time for the RemoteStartTransaction message.

Test Configuration

Vendor	Schneider Electric Industries SAS
DUT / SUT	Charge Point
Communication	JSON
Type	EVlink Pro DC 180
OCPP Software version	2.6.0
OCTT version	OCTT 1.6 v 1.4.3

Hardware feature set	
Feature	**Configuration**
Socket(s) / connector(s)	Multiple
Fixed cable	Yes
Communication technology	Wifi / ethernet / mobile network
RFID readers	Single

Non-OCPP Charge Point Configuration	
Configuration key	**Value**
<>	<>

All other relevant limits and non-OCPP settings that are relevant for the test laboratory and for the correct functioning of the CSMS:	
Limit / setting	**Value**
Device supports sending milliseconds in timestamps.	Yes

OCPP Charging Station Configuration

Configuration key	Value
AllowOfflineTxForUnknownId	true
AuthorizationCacheEnabled	false
AuthorizeRemoteTxRequests	true
BlinkRepeat	-
ClockAlignedDataInterval	0
ConnectionTimeOut	120
ConnectorPhaseRotation	NotApplicable
ConnectorPhaseRotationMaxLength	1
GetConfigurationMaxKeys	50
HeartbeatInterval	30
LightIntensity	-
LocalAuthorizeOffline	true
LocalPreAuthorize	false
MaxEnergyOnInvalidId	-
MessageTimeout	-
MeterValuesAlignedData	Energy.Active.Import.Register,Current.Import,Current.Offered,Power.Offered,Power.Active.Import
MeterValuesAlignedDataMaxLength	9
MeterValuesSampledData	Energy.Active.Import.Register,Current.Import,Current.Offered,Power.Offered,Power.Active.Import,SoC
MeterValuesSampledDataMaxLength	8
MeterValueSampleInterval	60
MinimumStatusDuration	0
NumberOfConnectors	2
ResetRetries	2
StopTransactionMaxMeterValues	-
StopTransactionOnEVSideDisconnect	true
StopTransactionOnInvalidId	true
StopTxnAlignedData	""
StopTxnAlignedDataMaxLength	0
StopTxnSampledData	""
StopTxnSampledDataMaxLength	0
SupportedFeatureProfiles	Core,FirmwareManagement,LocalAuthListManagement,Reservation,SmartCharging,RemoteTrigger
SupportedFeatureProfilesMaxLength	6
TransactionMessageAttempts	2
TransactionMessageRetryInterval	10
UnlockConnectorOnEVSideDisconnect	false
WebSocketPingInterval	20
LocalAuthListEnabled	false
LocalAuthListMaxLength	4000
SendLocalListMaxLength	400
ReserveConnectorZeroSupported	true
ChargeProfileMaxStackLevel	20
ChargingScheduleAllowedChargingRateUnit	Power
ChargingScheduleMaxPeriods	20
ConnectorSwitch3to1PhaseSupported	false
MaxChargingProfilesInstalled	40
SupportedFileTransferProtocols	

Statement of Approval

Vendor		Date: 2024.03.28	
Name	Ye Chengdong	Signature	
Company	Schneider Electric Industries SAS		*chengdong ye*
Department	Prosumer		
Position	Platform Owner		
Location	China		

Test laboratory		Date: 2024.03.28	
Name	Sukoco	Signature	
Company	DNV Singapore Pte. Ltd.		
Department	Energy Systems		
Position	Senior Consultant		
Location	Singapore		