OCPP 1.6
Subset Certificate

Certificate holder: Broadband TelCom Power, Inc.

Certificate number: OCA.0016.0751.CS

Product type: Charging Station

Product designation: BHPCD6-500-05-005
OCPP Software version: BT-2024-1
Hardware feature set as stated below

Certification date: May 14, 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 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	*DEKRA Certification, Inc.,* May 14, 2024	*04517RCO001_ChargingStation_v1.5_BTC 360KW_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:	**DEKRA Certification, Inc**
Location	Sterling, VA
Test execution location:	405 Glenn Dr #12, Sterling, VA 20164
Test Report Reference:	04517RCO.001
Vendor name:	**Broadband TelCom Power, Inc.**
Device Under Test:	Charging Station
Communication:	JSON/SOAP
OCPP Software version:	BT-2024-1
Product designation:	BHPCD6-500-05-005

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	N/A	Support for (remote) firmware update management and diagnostic log file download.
Smart Charging	N/A	Support for Smart Charging (all profile types, including stacking), to control charging.
Reservation	N/A	Support for reservation of a connector of a Charging Station.
Local Authorization List Management	N/A	Features to manage a local list in the charging station containing authorization data for whitelisting users.
Remote Trigger	N/A	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:	180	14	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:	15	4	The response time for when waiting for an OCPP response message.
Response time RemoteStartTransaction:	180	0	The response time for the RemoteStartTransaction message.

Test Configuration

Vendor	Broadband TelCom Power, Inc.
DUT / SUT	Charge Point
Communication	JSON
Type	BHPCD6-500-05-005
OCPP Software version	BT-2024-1
OCTT version	OCTT 1.6 v..1.4.4

Hardware feature set	
Feature	**Configuration**
Socket(s) / connector(s)	Single
Fixed cable	Yes
Communication technology	ethernet
RFID readers	one per EVSE

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.	No

OCPP Charging Station Configuration	
Configuration key	**Value**
AllowOfflineTxForUnknownId	FALSE
AuthorizationCacheEnabled	FALSE
AuthorizeRemoteTxRequests	FALSE
BlinkRepeat	-
ClockAlignedDataInterval	0
ConnectionTimeOut	60
ConnectorPhaseRotation	-
ConnectorPhaseRotationMaxLength	-
GetConfigurationMaxKeys	82
HeartbeatInterval	60
LightIntensity	-
LocalAuthorizeOffline	FALSE
LocalPreAuthorize	FALSE
MaxEnergyOnInvalidId	-
MessageTimeout	15
MeterValuesAlignedData	Energy.Active.Import.Register,Power.Active.Import,SoC,Voltage,Current.Import,Current.Offered
MeterValuesAlignedDataMaxLength	8
MeterValuesSampledData	Energy.Active.Import.Register,Power.Active.Import,SoC,Voltage,Current.Import,Current.Offered
MeterValuesSampledDataMaxLength	8
MeterValueSampleInterval	60
MinimumStatusDuration	0
NumberOfConnectors	1
ResetRetries	1
StopTransactionMaxMeterValues	NA
StopTransactionOnEVSideDisconnect	NA
StopTransactionOnInvalidId	TRUE
StopTxnAlignedData	NA
StopTxnAlignedDataMaxLength	NA
StopTxnSampledData	NA
StopTxnSampledDataMaxLength	NA
SupportedFeatureProfiles	Core,RemoteTrigger,FirmwareManagement
SupportedFeatureProfilesMaxLength	3
TransactionMessageAttempts	3
TransactionMessageRetryInterval	0
UnlockConnectorOnEVSideDisconnect	-
WebSocketPingInterval	45
LocalAuthListEnabled	TRUE
LocalAuthListMaxLength	100
SendLocalListMaxLength	100
ReserveConnectorZeroSupported	NA
ChargeProfileMaxStackLevel	8
ChargingScheduleAllowedChargingRateUnit	Ampère & Watt
ChargingScheduleMaxPeriods	3
ConnectorSwitch3to1PhaseSupported	NA
MaxChargingProfilesInstalled	8
SupportedFileTransferProtocols	Yes

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Statement of Approval

Vendor		Date: 05/08/2024
Name	Carlos Cortes	Signature
Company	Broadband TelCom Power, Inc.	Date: 5/8/24
Department	Engineering	Name: Carlos Cortes —
Position	Chief Technology Officer	Signature:
Location	Irvine, California	

Test laboratory		Date: 05/14/2024
Name	Gonzalo Casado	Signature
Company	DEKRA Certification, Inc	
Department	Connectivity Services	
Position	Lab Manager	CASADO
Location	Sterling, VA	