OCPP 2.0.1 CORE CERTIFIED

Certificate Holder:	**Graviti AI LLC**
Certificate Number:	**OCA.0201.0201.CSMS**
Product Type:	**Charging Station Management System**
Product Designation:	**GravOS Charge 1.0**
OCPP Software Version:	**v1.1**
Certification Date:	**October 19, 2026**

This certificate attests that the above mentioned product successfully completed certification testing in conformance with the reference specification OCPP 2.0.1 (Edition 4 FINAL, 2025-12-03 including Errata 2026-06). The optional OCPP protocol features that are covered by this certificate can be found in the Abstract of the Test Report that is part 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 this complete test report.

Applied	Performed by / On	Document Evidence
Conformance testing according to the test specification referenced by the test report	DEKRA Certification Inc. October 5, 2026	OCPP-2.0.1-PICS-CSMS -3.0.4_1440196099122306 0446_Signed

The abstract of test report 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 the Test Report

Test Report OCPP 2.0.1 Certification

Test laboratory:	DEKRA Certification Inc.
Location:	Sterling, Virginia, USA
Test Report Reference:	2026 -1009RCO.001

Product Designation:	GravOS Charge 1.0
Vendor name:	Graviti AI LLC
Device Under Test:	Charging Station Management System
OCPP Software Version:	v1.1
Config ID:	8AD5DA4C

Test Result Summary for the Certified Functionalities

Certification Profile	Test Result	Description
Core	Pass	Basic Charging Station functionality for booting, authorization, configuration, transactions, remote control, secure firmware updates and Security Profile 2.
Advanced Security	Pass	Support for TLS with client authentication.
Smart Charging	Pass	Support for Smart Charging, to control charging.
ISO 15118 Support	Pass	Support for ISO 15118 Smart Charging and Plug and Charge authorization.

Optional Features

The OCPP specification contains many implementation options that can be selected by a vendor, often in the form of optional message fields or configuration variables, that can be used to support advanced functions. Whereas the certification profiles determine which OCPP functionality is implemented, the features describe how much of a certain functionality in a profile has been implemented. The tables below indicate per certification profiles, for each available optional feature within this profile, whether this has been implemented in this product and tested for conformance or not. Please refer to part 5 of the OCPP specification for the list of optional features and the reference to the relevant use cases in part 2 of the OCPP specification.

Core		
ID	**Core Features**	**Supported / Present**
C-11	Support for unlocking connector for charging station with detachable cable.	Yes
C-13	Support for Reset per EVSE	Yes
C-14	Support for retrieving / deleting CustomerInformation - CustomerIdentifier	Yes
C-15	Support for scheduled firmware updates	Yes
C-16	Support for checking the TransactionStatus	Yes
C-17	Support for retrieving the ConfigurationInventory	Yes
C-29	TriggerMessage	
C-29.1	Trigger message - MeterValues	Yes
C-29.2	Trigger message - TransactionEvent	Yes
C-29.3	Trigger message - LogStatusNotification	Yes
C-29.4	Trigger message - FirmwareStatusNotification	Yes
C-29.5	Trigger message - StatusNotification	Yes

ID	Authorization Options for Local Start	Tested During Certification
C-30	Authorization - using RFID ISO14443	Yes
C-31	Authorization - using RFID ISO15693	Yes
C-32	Authorization - using KeyCode	No
C-33	Authorization - using locally generated id	Yes
C-34	Authorization - MacAddress	No
C-35	Authorization - NoAuthorization	Yes

ID	Authorization Options for Remote Start	Tested During Certification
C-36	Authorization - using RFID ISO14443	Yes

ID	Authorization Options for Remote Start	Tested During Certification
C-37	Authorization - using RFID ISO15693	Yes
C-38	Authorization - using centrally, in the CSMS generated id	Yes
C-39	Authorization - NoAuthorization	Yes

ID	Core Features	Supported / Present
C-44	Support for sending a BootNotification Pending before Accepting	Yes
C-45	Support for Multiple elements GetVariablesRequest	Yes
C-46	Support for Multiple elements SetVariablesRequest	Yes
C-50	GetBaseReport - FullInventory	
C-50.1	GetBaseReport - FullInventory - During onboarding	Yes
C-50.2	GetBaseReport - FullInventory - Manual trigger	No
C-61	Security Profile 1 - Unsecured Transport with Basic Authentication	Yes

ID	Reservations	Supported / Present
R-0	Support for Reservation	Yes
R-1	Support for reservations of connectorType	No
R-2	Support for reservations of unspecified EVSE	No

ID	Advanced Device Management	Supported / Present
DM-0	Support for Advanced Device Management	Yes

ID	Local Authorization List Management	Supported / Present
LA-0	Support for Local Authorization List Management	Yes
LA-2	Support for GetLocalListVersion	Yes

ID	Advanced User Interface	Supported / Present
UI-0	Support for Advanced User Interface	Yes

Smart Charging

ID	Certification Profile: Smart Charging	Supported / Present
SC-4	Support for TxDefaultProfile on EVSEID #0	Yes

ISO 15118 Support

ID	Certification Profile: ISO 15118 Support	Supported / Present
ISO-4	Support for retrieving / deleting CustomerInformation - CustomerCertificate	Yes

Additional Questions

The table below lists a number of questions that are needed for determining the complete list of conformance test for this product.

ID	Additional Questions for Lab Testing	Answer
AQ-12	Is a FullInventory requested during onboarding / booting test cases?	Yes
AQ-13	Does your CSMS support Absolute values for the following Charging Profiles:	
AQ-13.1	TxDefaultProfile	Yes
AQ-13.2	ChargingStationMaxProfile	Yes
AQ-14	Does your CSMS support Recurring values for the following Charging Profiles:	
AQ-14.1	TxDefaultProfile	Yes
AQ-14.2	ChargingStationMaxProfile	Yes
AQ-16	Does the CSMS reject unknown Charging Stations during websocket connection setup?	Yes
AQ-17	Can your CSMS be configured to first respond to a BootNotificationRequest with status Pending or Rejected?	Yes

Performance Measurement Result

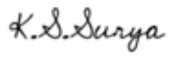
The tables below shows the list of key performance indicators that are measured during the conformance test. The first table indicates the values that the vendor indicates that are valid maximum values for this product. The second table lists the actual performance measurements during the tests performed in a controlled environment.

Name	Max Value	Unit	Description
OCPP response time	15	seconds	The response time for when waiting for an OCPP response message after sending an OCPP request message. This entails all OCPP messages, excluding Authorize. Messages to the DUT can be handled within this timeout.
Response time Authorize	15	seconds	The response time for the Authorize message.

Name	Min Value	Max Value	Average Value	Unit
OCPP response time	0.07	5.13	0.52	seconds
Response time Authorize	0.08	0.73	0.09	seconds

Communication technology used during performance measurement	Ethernet/Cloud

Statement of Approval

Vendor		
Name	Surya Kalva Sale	Date: 2026-10-05
Company	Graviti AI LLC	Signature:
Department	Charging management	
Position	Manager - Technology	
Location	Hyderabad, India	

Test Laboratory		
Name	Avinash Koduri	Date: 2026-10-19
Name reviewer	Gonzalo Casado	Signature:
Company	DEKRA Certification Inc.	
Department	Connectivity & E-Mobility	
Position	Director	
Location	Sterling, Virginia, USA	

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