



Certificate Holder: Teison Energy Technology Co.,Ltd.
Certificate Number: OCA.0201.0162.CSMS
Product Type: Charging Station Management System
Product Designation: TAOS
OCPP Software Version: V1.0
Certification Date: June 15, 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 2026-04). 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 | Korea Smart Grid Association June 15, 2026 | TEISON_PICS 2.0.1 CSMS_TAOS_v3.0.3 |

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

A handwritten signature in blue ink, appearing to read 'Onoph Caron', is written over the printed name and title.

Abstract of the Test Report

Test Report OCPP 2.0.1 Certification

| | |
|-----------------------------|-------------------------------------|
| Test laboratory: | Korea Smart Grid Association |
| Location: | Seoul, Korea |
| Test Report Reference: | KSGA-OCPP2.0.ITEST-004-2026 |
| Product Designation: | TAOS |
| Vendor name: | Teison Energy Technology Co.,Ltd. |
| Device Under Test: | Charging Station Management System |
| OCPP Software Version: | V1.0 |
| Config ID: | 72DB3F10 |

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 | No |
| 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 | No |
| C-38 | Authorization - using centrally, in the CSMS generated id | No |
| C-39 | Authorization - NoAuthorization | No |

| ID | Core Features | Supported / Present |
|--------|--|---------------------|
| C-44 | Support for sending a BootNotification Pending before Accepting | No |
| 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 | Yes |
| 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 | Yes |
| R-2 | Support for reservations of unspecified EVSE | Yes |

| 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? | No |

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 | 30 | 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 | 30 | seconds | The response time for the Authorize message. |

| Name | Min Value | Max Value | Average Value | Unit |
|-------------------------|-----------|-----------|---------------|---------|
| OCPP response time | 0.01 | 0.57 | 0.05 | seconds |
| Response time Authorize | 0.01 | 0.57 | 0.08 | seconds |

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| Communication technology used during performance measurement | Ethernet/Cloud |
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Statement of Approval

| Vendor | | |
|------------|-----------------------------------|---|
| Name | Feng Gao Ming | Date: 2026-06-15 |
| Company | Teison Energy Technology Co.,Ltd. | Signature: |
| Department | Management |  |
| Position | Chairman | |
| Location | Yangzhou, Jiangsu, China | |

| Test Laboratory | | |
|-----------------|------------------------------|---|
| Name | Philip YANG | Date: 2026-06-15 |
| Name reviewer | Joe Lee | Signature: |
| Company | Korea Smart Grid Association |  |
| Department | Quality Certification Center | |
| Position | Chief Researcher | |
| Location | Seoul, Korea | |

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|------------------|----------------------------------|
| OCTT Version | Release_2026-04 |
| OCTT Instance ID | 7a4beba641b8341e27a88c78d48bf4aa |