

OCPP規格のご紹介

Introduction to OCPP

Open Charge Alliance



Lonneke Driessen ロネケ・ドリーセン

Director ディレクター

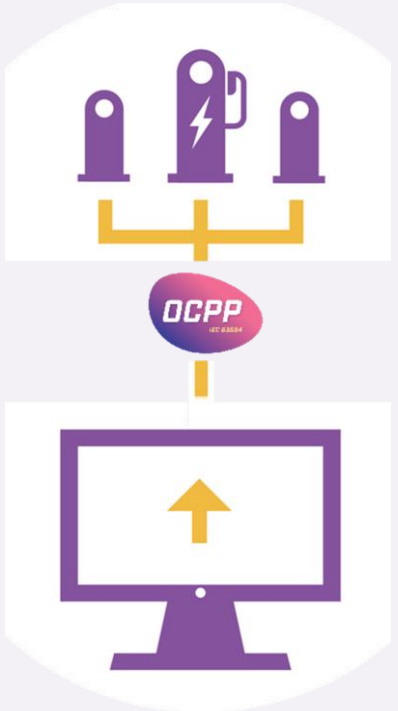
Open Charge Alliance

オープン・チャージ・アライアンス



OCPP (充電ステーションと管理システム間の通信プロトコル)

OCPP (Open Charge Point Protocol)



- OCPP describes the information exchange between a charging station and a charging station management system
- OCPPは、充電ステーションと充電ステーション管理システム間の情報交換を規定します
- It describes for example:
 - How to authorize, start and stop a charging session
 - How to manage the energy flow (smart and bidirectional charging)
 - How to monitor the status and health of the charging station
- 例えば、次のように記述しています:
 - 充電セッションの認証、開始、停止の方法
 - エネルギーフローの管理方法（スマート充電および双方向充電）
 - 充電ステーションの状態と健全性の監視方法
- OCPP has been developed by the industry over the past 15 years, following the need of the growing industry and incorporating field experience
- OCPPは過去15年間にわたり、成長する業界のニーズに応え、現場の経験を反映しながら業界によって開発されてきました



OCAはOCPPを管理する業界団体です

The Open Charge Alliance (OCA) is the industry alliance governing OCPP

- OCPP started in 2009 in the Netherlands at ElaadNL (a non-profit organization owned by Dutch DSOs)
OCPPは2009年にオランダのElaadNL(オランダのDSOが所有する非営利団体)で始まりました
- In 2014 ElaadNL co-founded OCA and handed over OCPP
2014年、ElaadNLはOCAを共同設立し、OCPPの運営を引き継ぎました
- OCA is a nonprofit foundation, founded in 2014 under Dutch law
OCAはオランダ法に基づき2014年に設立された非営利財団です
- OCA's goal is to help the EV charging industry accelerate
OCAの目的は、EV充電業界の発展を加速させることです
- OCA promotes OCPP, develops OCPP, develops a testing and certification program.
OCAはOCPPを推進し、OCPPを開発し、試験・認証プログラムを開発しています
- OCA has 340 participants
OCAには340名の組織が参加しています



OCPPはオープンソースの標準です

OCPP is an open-source standard

- The OCPP specifications can be downloaded by anyone free of charge
OCPP仕様は誰でも無料でダウンロードできます
- OCPP is an open protocol for unrestricted use by any interested party with no requirement for licensing, payment, or registration
OCPPは、ライセンス、支払い、登録の必要なく、関心のあるあらゆる関係者が制限なく使用できるオープンプロトコルです
- OCA holds the copyrights on the OCPP specifications and has made OCPP available under a Creative Commons Public License (“no derivatives”).
OCAはOCPP仕様の著作権を保有しており、クリエイティブ・コモンズ・パブリック・ライセンスのもとで（「改変禁止」）OCPPを提供しています。
- You can become a participant of OCA to contribute to the OCPP specification, the certification program and get discounts – but you do not have to
OCPP仕様や認証プログラムへの貢献、割引特典を得るためにOCAの参加団体（会員）になることもできますが、必須ではありません





必要な情報はすべてウェブサイトでご覧いただけます

NEWS & UPDATES

[View all](#)

MON 02 FEB 2026

First OCPP Product Family Certificate have been given out!

First OCPP Product Family Certificate
Congrats to:

OCPP 1.6

OCPP 2.0.1



THU 29 JAN 2026

Recap: OCA at Pwn2Own



EVENTS

[View all](#)

MEMBERS ONLY EVENT

OCPP Commissioning Task Group

TUE 10 FEB 2026 ONLINE

MEMBERS ONLY EVENT

OCA Technology Working Group Meeting

THU 12 FEB 2026 ONLINE

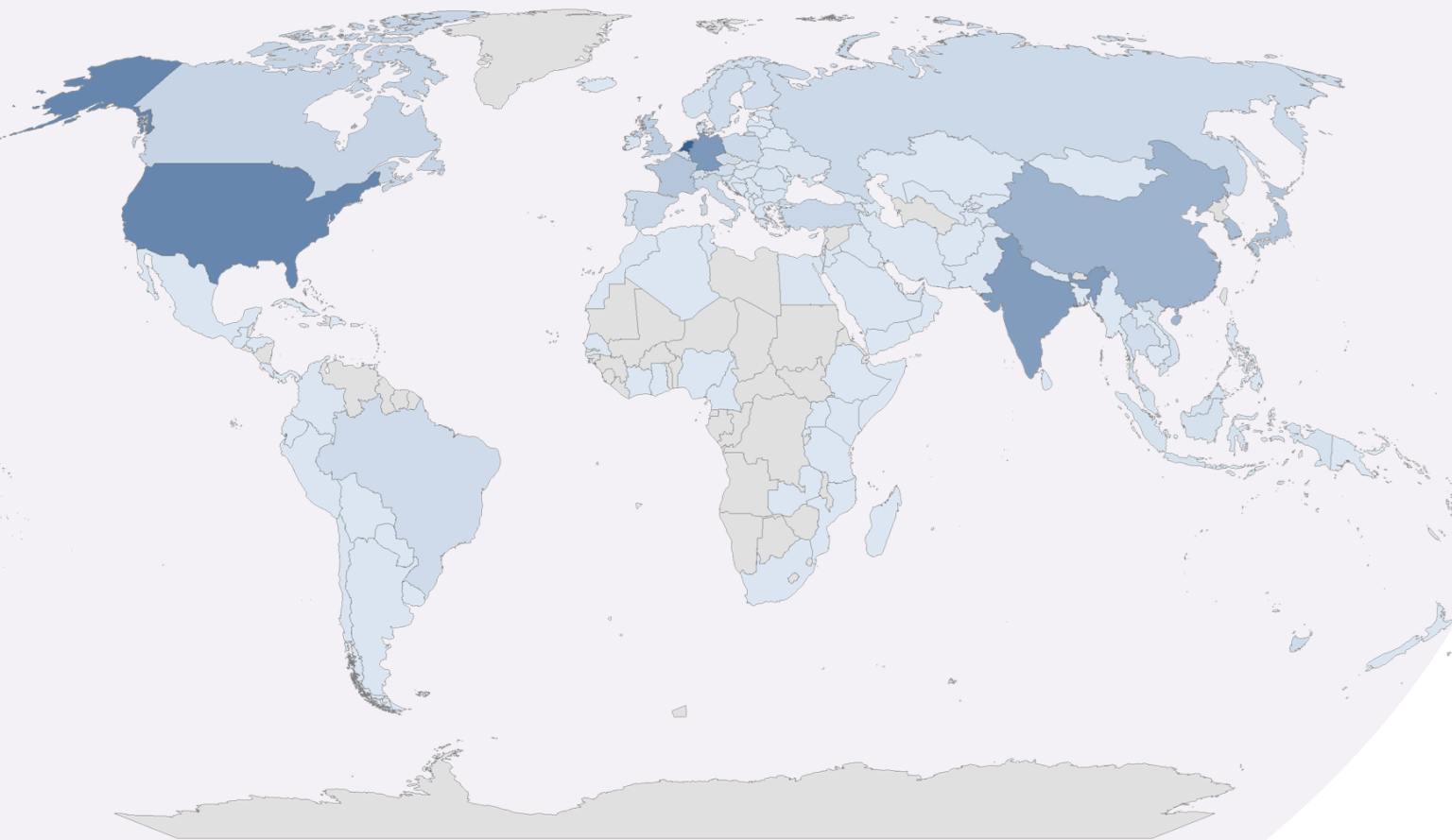
MEMBERS ONLY EVENT

Networking / Local Controller Task Group

TUE 17 FEB 2026 ONLINE

OCPPは世界の充電インフラの発展に貢献しています。

OCPP is helping the development of charging infrastructure globally



OCPP provides a blueprint for how to set up charging infrastructure; it shares lessons learned with emerging markets, letting them stand on top of shoulders.

OCPPは、充電インフラ構築の設計図を提供します。また、新興市場にこれまでの知見や教訓を共有し、先行する市場の経験を活かせるようにします。

OCPP opens up markets, offering choice and diversity. OCPPは市場を開放し、選択肢と多様性を提供します。

“OCPP isn’t just the “lingua franca” of the EV charging industry—it’s the accelerator for the global charging infrastructure.

OCPPは、EV充電業界の単なる「共通語」ではありません。世界の充電インフラを加速させる存在です。

Emerging markets have many options: develop their own products, purchase products from other countries, use open-source implementations etc.

新興市場には、自社製品の開発、他国からの製品購入、オープンソース実装の活用など、多くの選択肢があります。



世界各地の政府がOCPPを法規制に採用しています

Governments around the world have included OCPP in their legislation

Korea

Certification mandatory for Government subsidies



South Australia

Mandatory



India

Recommended



Russia

Mandatory for Fast Chargers



USA

Mandatory for Government subsidies



Japan

Mandatory for Government subsidies



Dubai

Mandatory



California

Certification mandatory for Government subsidies



New York State

Certification mandatory for Government subsidies



NL

Certification mandatory for Public Charging stations



EU

Recommended



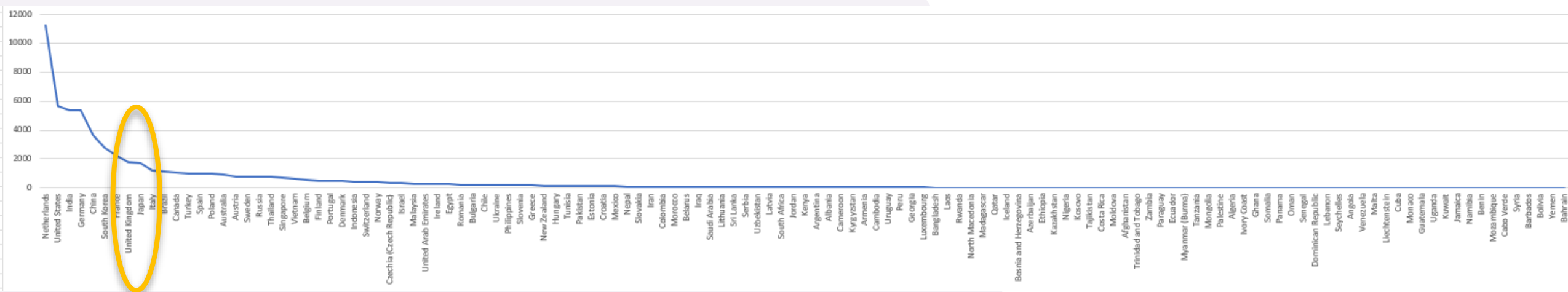
Sao Paulo

Mandatory for government funding



2025年のOCPPダウンロード数

OCPP downloads in 2025



of OCPP downloads to individual IP addresses in 2025 (2025年OCPPダウンロードをしたIPアドレス数)

of countries (ダウンロードのあった国の数)

OCPP 1.6	20.625	115
OCPP 2.0.1	21.446	112
OCPP 2.1	19.475	120
Total 合計	61.546	129





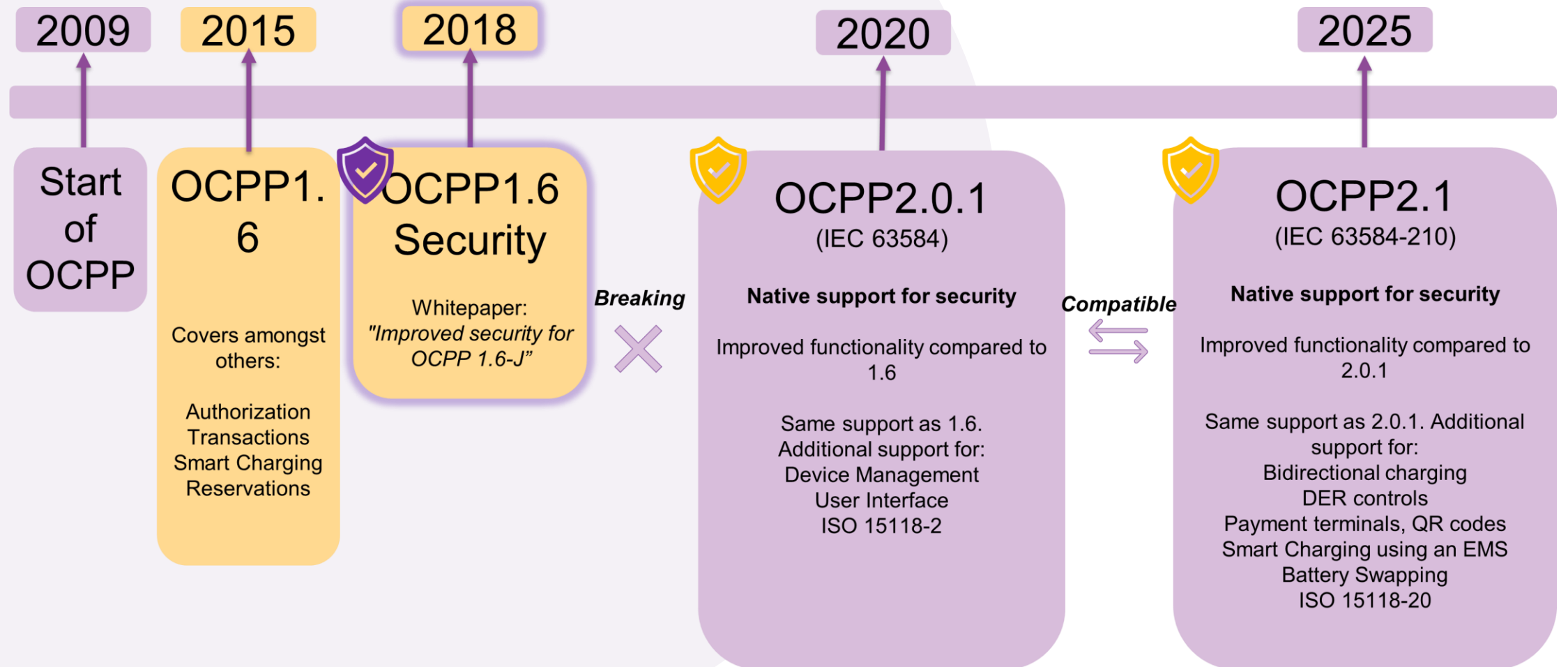
OCPPの開発

OCPP Development



業界ニーズに応え、現場経験を取り入れながら発展してきました

OCPP developed following the need of the industry and incorporating field experience





OCPP 2.xは IEC 63584国際規格になりました

OCPP2.x is published as IEC 63584

OCPP2.0.1 = IEC 63584-201

- OCPP2.0.1ed3 = IEC 63584 (2024)
- OCPP 2.0.1 ed4 ed3 + errata merged for better readability / ed3に正誤表を統合、読みやすさを改善) = IEC 63584-201 ED1 (2026)

OCPP2.1 = IEC 63584-210

- OCPP2.1ed1 = IEC 63584-210 ED1 (2025)
- OCPP2.1ed2 (2.1ed1 + errata merged for better readability + test cases / 2.1 ed1に正誤表を統合し、読みやすさを向上 + テストケースを追加) = IEC 63584-210 ED2 (2026)

All future OCPP versions will again be submitted to IEC for fast-track approval.
今後のOCPPバージョンもすべてIECファストトラック承認で改訂します

Any and all IEC experts can join OCA as IEC Liaison Participant for free.
すべてのIECエキスパートはOCAにIECリエゾン参加者として無料で参加できます



OCPP 1.6（2015年リリース）はメンテナンスモードとなり 今後は機能拡張されません

OCPP1.6 (released 2015) is in maintenance mode and will no longer evolve

OCPP1.6

- 2015
- Errata management 正誤表の管理
- Test Tool (OCTT) support テストツール（OCTT）のサポート
- Certification Program 認証プログラム
- Whitepapers ホワイトペーパー

OCPP2.X (IEC 63584)

- 2020 & 2025
- **Feature development 機能開発**
- **IEC publication & maintenance IEC発行およびメンテナンス**
- Errata management 正誤表の管理
- Test Tool (OCTT) support テストツール（OCTT）のサポート
- Certification Program 認証プログラム
- Whitepapers ホワイトペーパー



活動中のワーキンググループ^o

Active working groups



Technology Working Group



Networking Task Group



Commissioning Task Group



Security Task Group



Compliance Working Group



**Regional & Regulatory
Requirements Working Group**





OCA
Open Charge Alliance

OCPPのテストと認証

OCPP Testing & Certification



必要な情報はすべてウェブサイトでご覧いただけます

OCPP CERTIFICATION PROGRAM

Learn more about the OCPP Certification Program or check the list of certified companies.

LEARN MORE ABOUT CERTIFICATION

[Certification program information](#)[Testing laboratories](#)

LIST OF CERTIFIED PRODUCTS

[Certified products](#)

すべての認証済み製品は、OCAのウェブサイトに掲載されています

All certified products are on the OCA website



WHITEPAPERS WEBINARS ABOUT US CONTACT FAQ EN

Protocols Test Tools **Certification** Community News Events

Join us



CERTIFIED PRODUCTS

If you encounter a certificate which is not listed below, please **contact us**.

Please **visit our verification page** for important information about certificate verification.

Certified Products

OCPP Certification Mark Misuse

Withdrawn certificates

Export to Excel

Organisation	Cert. number	OCPP Version	Country	Product type	Product designation	Certificate type	Software version
A-Pro Co. LTD.	OCA.0016.0441.CS	OCPP 1.6	Republic of Korea	Charging Station	EVD100K2C	Subset	1.0
ABB E-mobility B.V.	OCA.0016.0653.CS	OCPP 1.6	The Netherlands	Charging Station	Terra 184	Subset	1.7.4.135
ABB E-mobility B.V.	OCA.0016.0654.CS	OCPP 1.6	The Netherlands	Charging Station	Terra 184	Security	1.7.4.135
ABB E-mobility B.V.	OCA.0201.0078.CS	OCPP 2.0.1	USA	Charging Station	A400	Core + S	2.0.11.24
ABB E-mobility B.V.	OCA.0201.0082.CS	OCPP 2.0.1	USA	Charging Station	T184	Core + S	1.7.4.592
AddÉnergie Technologies Inc.	OCA.0016.0214.CS	OCPP 1.6	Canada	Charging Station	SmartDC	Subset	v8.8.15

OCA認証試験機関は6機関・11か所

6 OCA Certification Test Labs in 11 locations

2 planned for opening in India in 2026 2026年にはインドで2か所の開設を予定しています。



OCPP 認証プログラムに関連ニュース

New developments within the OCPP certification program

製品群（ファミリー）証明書

Product Family Certificates to reduce certification costs for vendors



Certificate Holder: Alpitronic
 Certificate Number: FO1OCA.0201.0108.CS - update-2026-04-02
 Product Type: Charging Station
 Product Designation: Hypercharger HYC 400 US
 Firmware Version: hyc_v3.0.0
 Certification Date: June 27, 2025

This certificate attests that the above mentioned product - a representative product for an OCPP product family - successfully completed certification testing in conformance with OCPP 2.0.1 (Edition 3 FINAL, 2024-05-06 including Errata 2025-06). The test cases that are covered by this certificate can be found in the Abstract of the certificate.

Test cases have been performed as described in the test report referred to above. The results and remarks can be found in this complete test report.

Applied	Performed by / On
Conformance testing according to the test specification referenced by the test report	Debra Certification BV June 26, 2025

The abstract of test report is an integral part of this certificate. This certificate is only applicable to the product or products specified above. This certificate is only applicable to the product or products specified above and permits the use of the OCPP logo as laid down in the OCA certification 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 laboratories, disclaim liability for any damages or losses incurred by the party resulting from reliance on the results of OCPP certification testing.

For the Open Charge Alliance:
 ONOPH CARON
 Chairman

Authenticity of this certificate can be verified at: www.ocppcertification.com

Product Family Members Overview
 The table below lists the OCPP product family members for the Representative Product Hypercharger HYC 400 US with Config ID F2FDDHE-8BAEEES. For each of these individual product family members a Vendor Declaration of Conformance is attached to this document, asserting that the product family member has been successfully tested for conformance by the vendor using the same firmware as the representative product.

Vendor	Name	Date
	Alex Kaneppelle	2025-10-25
Company	Alpitronic	Signature:
Department	Software Engineering	
Position	Director Software Engineering	
Location	Balzano, Italy	

Product Designation	Product Description	Photo
Hypercharger HYC 200 US	200W (rated for the US market with NACS and CCS1)	
Hypercharger HYC 400 EU	400W (rated for the European markets with CCS2)	
Hypercharger HYC 200 EU	200W (rated for the European markets with CCS2)	

Authenticity of this certificate can be verified at: www.ocppcertification.com

製品群（ファミリー）証明書

Vendor Declaration of Conformance (VDoC) that is generated by the OCA testing tool OCTT

Vendor Declaration of Conformance

Product Type: Charging Station
 Product Designation: <type name and / or model number>
 OCPP Software Version: <type software version of the product>
 Product Subtype: <select subtype or Not Applicable>
 Test Date: December 5, 2024

This test report attests that the above-mentioned product and software version combination successfully completed testing in conformance with the reference specification OCPP 2.0.1 (Edition 3 FINAL, 2024-05-06 including Errata 2024-09). The OCPP profiles and optional protocol features that were tested can be found in this Test Report.

This test report is only applicable to the product designation running the specified software version described above. On behalf of <fill in your company name> the undersigned declares that the OCPP conformance test was performed under his/her responsibility and that the test results were obtained by testing the above-mentioned product and software version combination using the OCPP Compliance Test Tool (OCTT) in a single uninterrupted test run without any manipulation.

For <vendor name>

 <vendor representative name>
 <vendor representative position>, <vendor department name>, <vendor location>

Certification Profile	Test Result	Description
Core	Pass	Basic Charging Station functionality for booting, authorization, configuration, transactions, remote control, including basic security.
Advanced Security	Pass	Support for TLS with client authentication.
Local Authorization List Management	Not Tested	Support for local authorization list management and optionally of an authorization cache.
Smart Charging	Not Tested	Support for Smart Charging, to control charging.
Advanced Device Management	Not Tested	Support for the OCPP Device Model and advanced logging and monitoring.
Reservation	Not Tested	Support for reservation of a connector of a Charging Station.
Advanced User Interface	Not Tested	Support for tariff & cost and DisplayMessage functionality.
ISO 15118 Support	Not Tested	Support for ISO 15118 Smart Charging and Plug and Charge authorization.

Disclaimer: This test report 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 resulting from reliance on the results of OCPP Conformance testing.

ホワイトラベル証明書

White Label Certificates for white labeled products



OCPP WHITE LABEL CERTIFICATE

This certificate is issued on an attest basis and relies solely on information provided by the parties named below; the Open Charge Alliance has not performed any re-testing of the rebranded product

White Label Certificate Holder: American Powerpump
 White Label Certificate Number: W01.OCA.0201.0123.CS
 Product type: Charging Station
 Product designation: AC5500-G40
 Firmware version: V03.13.00
 Date of registration: March 3rd, 2026

This white label certificate attests that the above mentioned product is a rebranded product which has successfully completed certification testing as stated in the attached OCA rebranded product has been performed by the Open Charge Alliance. The rebranded product features that are covered by the original certificate can be found in the Abstract of the attached certificate.

White Label Certificate Holder and Certificate Holder from the original certificate hardware and software (version) on these products are the same.

Based on information and documents provided by the White Label Certificate Holder the original certified product, the Open Charge Alliance performed a verification for the stated purpose. Reasonable steps to validate the submitted information against available sources have been taken; however, no audit or exhaustive review was conducted, and the Open Charge Alliance relies on the accuracy and completeness of the materials supplied by mentioned parties. Accordingly, the Open Charge Alliance makes no representation or warranty, express or implied, as to the truth, completeness, or future accuracy of the information and accepts no responsibility or liability if any part of it is later found to be inaccurate, incomplete, or misleading. This white label 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. Dutch law applies to this certificate.

This certificate attests that the above mentioned product successfully completed certification testing in conformance with the reference specification OCPP 2.0.1 (Edition 3 FINAL, 2024-05-06 including Errata 2025-09). 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	ONV Singapore Pte Ltd November 8, 2025	PCS_P01_0574755

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 party resulting from reliance on the results of OCPP certification testing.

For the Open Charge Alliance:
 ONOPH CARON
 Chairman

For American Powerpump:
 Pascale van Cleemput
 Manager

Authenticity of this certificate can be verified at: www.ocppcertification.com

ご清聴ありがとうございました

Thank you for your attention



Join Us!

