



Simple,
Safe &
Reliable

Home & Commercial
Charging Solutions

www.citaevcharger.co.uk



INDEX

S/N	DESCRIPTION
1	CITA Overview
2	Profile & Experience
3	Compliance & Certifications – Overview
4	Declaration of Conformity & Standards
5	Technical Catalogue & Certifications

CITA HOUSE HQ
52 Deerdykes View
Westfield Park, Cumbernauld
Glasgow, G68 9HN
United Kingdom

CITA LONDON
5th Floor
65 Compton St.
London, EC1V 0BN
United Kingdom

CITA MIDDLE EAST
Office 2106
HDS Tower, Cluster F
Jumeirah Lakes Tower
Dubai, United Arab Emirates

About CITA

CITA EV is equipped to provide world-class solutions for charging for homes, businesses and cities alike.

CITA EV will be your trusted partner in helping you transition to sustainable mobility solutions. We strive to help the process of transition smoothly by deploying our well-researched expertise on EV charging solutions by building a holistic EV infrastructure.

For CITA EV, sustainability means securing the company's long-term success while at the same time helping protect the environment for current and future generations. Hence the necessity to take up the challenges of innovation and to respond to market needs.

Currently found in around 30 countries across the Globe

CITA products are used in UAE, UK, Ireland, Spain, Portugal, USA, KSA, Qatar, Kuwait, Morocco, Australia, Malaysia and counting more countries and regions

Our Locations

UK (Headquarters): 52 Deerdyles View, Westfield Park, Cumbernauld, Glasgow, United Kingdom

UAE: Unit 2106, Al Thanyah Fifth, HDS Tower, Cluster F, Jumeirah Lakes Towers, P.O. Box 191946, Dubai

USA: 1013 Centre Road, Suite 403-B, Wilmington, DE 19805, United States



CITA Smart 7 EV Charger NAMED AS CES 2021 INNOVATION AWARDS HONOREE

CITA Smart 7 EV Charger is named as CES 2021 Innovation Award Honoree for Sustainability, Eco-Design & Smart Energy.



Office for
Zero Emission
Vehicles

ALL CITA EV PRODUCTS ARE OZEV APPROVED

The Office of Zero Emission Vehicles has given their seal of approval for all CITA EV products whether for home or commercial EV charging purposes. We are honored to be recognized by the organization with whom we share a similar vision for our future.

Company Profile & Experience

CITA EV is equipped to provide world-class solutions for charging for homes, businesses and cities alike.

CITA EV will be your trusted partner in helping you transition to sustainable mobility solutions. We strive to help the process of transition smoothly by deploying our well-researched expertise on EV charging solutions by building a holistic EV infrastructure.

For CITA EV, sustainability means securing the company's long-term success while at the same time helping protect the environment for current and future generations. Hence the necessity to take up the challenges of innovation and to respond to market needs.

CITA EV is committed to providing innovative world-class EV charging solutions that work towards powering our futures. Equipped with smart technology, we have a range of e-mobility products that redefine EV charging solutions. CITA EV will be your trusted partner in the transition to sustainable mobility solutions.



Our Mission

At CITA EV, our mission is to drive the world towards a sustainable and electrifying future. With unwavering commitment, we aim to revolutionise the mobility landscape by providing innovative, high-performance electric vehicles that transcend boundaries and redefine transportation norms.

Our Vision

CITA EV envisions a world where sustainable mobility is not just a choice but a way of life. We strive to create a cleaner, greener future by reimagining the automotive landscape through state-of-the-art electric vehicle technology.

Compliance **Certifications & Standards**

Overview

CITA Smart Solution LLC is fully committed to implementing EV charging infrastructure projects that meet or exceed **all applicable international standards, local authority requirements, and regulatory codes**. Our design, supply, installation, testing, and commissioning practices are developed in line with the **highest quality, safety, and environmental benchmarks** to ensure system reliability, user safety, and long-term operational sustainability.

CITA's engineering and technical teams are thoroughly familiar with the **UAE's local authority frameworks**, including DEWA, ADDC, AADC, SEWA, FEWA, TAQA and the relevant **Municipal and Civil Defense** requirements governing EV charging infrastructure.



CES 2021 Innovation
Award Honoree



OZEV approved for
Domestic & Commercial
Grants in the UK



Type Tested & CB
Certified by TÜV
Rheinland UK



Certified by
SASO in Kingdom
of Saudi Arabia



Certified by Abu Dhabi
Quality & Conformity
Council in UAE



Certified by Dubai
Water & Electricity
Authority in UAE

Compliance with Local Regulations & Authority Requirements

All CITA installations are designed and executed in full compliance with applicable **UAE regulations, codes, and authority standards**, including:

Utility & Authority Regulations

- **DEWA / TAQA - ADDC / AADC / SEWA / FEWA EV Charger Guidelines**
All charger installations adhere to the respective authority's EV Charging Infrastructure Guidelines, covering connection methods, cable sizing, protection devices, metering, and labeling.
- **UAE Fire & Life Safety Code of Practice**
Compliance with fire safety, isolation, and protection system requirements in parking areas and electrical rooms.
- **Municipality / Civil Defense Regulations**
All civil and structural works are in accordance with local municipality and civil defense rules regarding excavation, foundations, and material specifications.
- **TAQA and ADQCC (Abu Dhabi) Approval Requirements**
For projects under Abu Dhabi jurisdiction, CITA ensures all submissions are compliant with TAQA and ADQCC standards for EVSE installations.

Building & Electrical Codes

- **UAE Wiring Regulations (Latest Edition)**
Implemented per BS 7671 standards and IEC 60364 guidelines.
- **Authority-Specific Connection Codes**
Each utility's connection code (e.g., DEWA Distribution Code, ADDC Electrical Installation Regulations) is strictly followed.
- **Earthing & Bonding Standards**
Implemented per IEC 60364-5-54, ensuring fault protection, equipotential bonding, and personnel safety.

Environmental & HSE Compliance

- **ISO 14001: Environmental Management System**
Environmental protection during civil and electrical activities.
- **ISO 45001: Occupational Health & Safety**
Compliance with HSE standards for worksite safety, PPE use, and risk control.



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CITA EV PRODUCTS ARE OCPP

CITA EV Chargers are approved participants of the Open Charge Alliance. All of our products are compliant with OCPP 1.6 (Open Charge Point Protocol). We are currently working towards OCPP 2.0.



Approved by Abu Dhabi Quality & Conformity Council, UAE

CITA EV Chargers are approved by Abu Dhabi Quality and Conformity Council (ADQCC) by going through in-depth testing & certification processes to ensure that the chargers can operate at the temperature and atmospheric conditions of the middle east.



هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority

Tested & Approved by Dubai Electricity & Water Authority

CITA EV Chargers are tested and approved by DEWA, one of the biggest EV Charger Public Operators in the MENA region. CITA EV hardware has seamlessly integrated with DEWA's CPMS software and has gone through cyber security compliance.



All CITA EV Chargers are type tested and CB certified with TÜV, UK

CITA EV Chargers set a benchmark in the industry with their commitment to quality and safety. Each product undergoes rigorous testing at the globally recognized TÜV Rheinland labs. In these labs, CITA EV Chargers are meticulously scrutinized for safety, ensuring the utmost protection for both the users and the vehicles. In addition to safety checks, they are also examined for electromagnetic compatibility (EMC) to confirm that the chargers maintain their functionality, even when exposed to various electromagnetic disturbances. To certify its global standard, each charger is reviewed and awarded the CB certificate, which verifies its compliance with international safety standards. Lastly, a Radio Test is conducted, making sure that the chargers do not interfere with any other radio signals and communications in their environment. These extensive tests make CITA EV Chargers a trustworthy and reliable choice for electric vehicle charging.

Equipment Certifications & Standards Compliance

All supplied chargers and associated electrical components are **internationally certified** and comply with **UL, IEC, and CE** standards to guarantee safety, interoperability, and long-term reliability.

Component / System	Applicable Standards / Certifications	Description
AC Chargers (CITA Smart Series)	IEC 61851-1, IEC 61851-22, IEC 62196	Standards for conductive charging systems, performance, and connectors.
DC Chargers (CITA Fast Series)	IEC 61851-23, IEC 61851-24, CCS2 / CHAdeMO protocols	Standards for DC fast charging systems and communication interfaces.
Connectors & Cables	IEC 62196 (Type 2, CCS), UL 2251	Safety and compatibility standards for EV connectors and couplers.
Electrical Switchgear & RCDs	IEC 60947-2, IEC 61008, IEC 61009	Standards for circuit breakers and residual current protection devices.
Energy Metering Units	IEC 62053, MID Certified	Precision metering standards for energy consumption monitoring.
Surge Protection Devices	IEC 61643-11	Standard for overvoltage protection of low-voltage systems.
Communication & Network Modules	OCPP 1.6J / OCPP 2.0.1	Open Charge Point Protocol compliance for backend integration.
Enclosure & Environmental Protection	IEC 60529 (IP Ratings), IEC 62262 (IK Ratings)	Defines ingress protection and impact resistance levels.

All chargers undergo **factory testing (FAT)** and **site acceptance testing (SAT)** under CITA supervision to ensure compliance with both **manufacturer’s specifications** and **local authority connection standards** before energization.

All CITA projects are executed under these frameworks to ensure that the EV charging solutions meet world-class quality, safety, and environmental performance standards.

8.4 Testing, Verification & Documentation

Prior to commissioning and handover:

- Comprehensive **electrical and functional testing** is performed to verify safety, connectivity, and load behavior.
- Detailed **test reports, calibration certificates, and compliance documentation** are prepared for client and authority review.
- As-built drawings and **authority inspection checklists** are submitted prior to energization and final sign-off.

DECLARATION OF CONFORMITY FOR CE AND UKCA

From,
David Cochran
CITA EV Limited
CITA House, 52 Deerdykes View, Glasgow, G68 9HN, UK

I, David Cochran, in my capacity as Regional Manager UK at CITA EV Limited, hereby declare the conformity of our products, with the applicable European Union (EU) and United Kingdom (UK) regulations, standards, and directives.

Manufacturer:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld, Glasgow,
G68 9HN, United Kingdom

Standards and Directives:

The CITA EV Chargers has been designed, manufactured, and tested in accordance with the following standards and directives:

- IEC 61851-23:2014
- IEC 61851-1:2010
- IEC 61851-1:2017
- IEC 61439-7:2018
- ETSI EN 301 489-3 V2.1.1 (RFID)
- ETSI EN 301 489-52 V3.2.0 (4G)
- ETSI EN 301 489-17 (Wi-Fi)
- ETSI EN 301 908-13 (Modulo 4G)
- ETSI EN 300 328 V2.2.2 (Modulo Wi-Fi)
- ETSI EN 300 330 V2.1.1 (Modulo RFID)

The above-mentioned standards and directives ensure that the CITA EV Chargers complies with the essential requirements related to safety, electromagnetic compatibility, and the restriction of hazardous substances.

CITA HOUSE HQ

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Email: info@citaevcharger.co.uk

CITA MIDDLE EAST

Office 2106
HDS Tower, Cluster F
Jumeirah Lakes Tower
Dubai, United Arab Emirates
Phone: +971 4 557 9828
Fax: +971 4 557 9829

Testing and Certification:

The CITA EV Chargers has undergone rigorous testing and evaluation with TUV Rheinland/EMTEK an ISO/IEC 17025:2018 accredited testing laboratory to ensure compliance with the relevant standards and directives. We have obtained the necessary certificates and test reports, which are available upon request.

Conformity Markings:

The CITA EV Charger bears the CE marking, indicating its conformity with the applicable EU directives. Additionally, it carries the UKCA (United Kingdom Conformity Assessed) marking, demonstrating compliance with the relevant UK regulations.

We maintain a comprehensive technical documentation file, including design drawings, specifications, test reports, and compliance statements, which can be made available to the relevant authorities upon request.

This Declaration of Conformity is valid for the above-mentioned product and may not be reproduced or altered without the prior written permission of CITA EV Limited.

Should you require any additional information or documentation, please do not hesitate to contact me at dc@citaevcharger.co.uk or +44 141 370 2127.

Thank you for your attention to this matter.

Yours sincerely,



David Cochran

Regional Manager, UK

CITA HOUSE HQ

52, Deedykes View,
Westfield Park, Cumbernauld
Glasgow, G68 9HN
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Fax: +971 4 557 9829



CITA EV CERTIFICATES CATALOGUE

www.citaevcharger.com



AC Chargers

Smart 7

Datasheet

Certificates

Smart 7 Eco

Datasheet

Certificates

Smart 7 Pro

Datasheet

Certificates

Smart 22

Datasheet

Certificates

Smart 22 Eco

Datasheet

Certificates

Smart 22 Pro

Datasheet

Certificates

Smart 44

Datasheet

Certificates

DC Chargers

Smart 30DC

Datasheet

Certificates

Smart 80DC

Datasheet

Certificates

Smart 160DC

Datasheet

Certificates

Smart 240 -
480DC

Datasheet

Certificates

CITA EV Company Certificate





TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

Certificate of Registration

This is to certify that

Quality Management Systems

of

CITA EV LIMITED

CITA House, 52 Deerdys View, Westfield Park,
Cumbernauld, Glasgow, G68 9HN, United Kingdom

has been assessed and registered by TCCPL as conforming to the requirements of

ISO 9001:2015

The Quality Management Systems is applicable to:

Manufacturing & Supply of

1. Electric Vehicle Charging Equipment
2. CCTV Systems
3. Access Control Systems
4. Lighting Systems

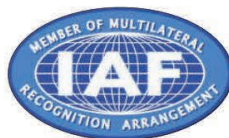
Certificate No: Q-4425104531

Certificate issue date : 25-10-2024

Next Audit before : 24-10-2025

2nd Surveillance due before : 24-10-2026

Certificate Valid till dt. : 24-10-2027



CB-MS-0702



Managing Director

TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

Website: www.tccplcertifications.com Email: info@tccplcertifications.com

Accredited by **United Accreditation Foundation Inc. (UAF)**

Lack of fulfilment of conditions set out for the issuance of this certificate and timely completion of periodic surveillance audit may render this certificate invalid

Certificate is the Property of TCCPL and shall be returned immediately when demanded

CERTIFICATE - CERTIFICAT - ZERTIFIKAT - CERTIFICATO

CITA EV Smart Series

(Datasheets + Certificates)



CITA Smart 7

7kW AC Compact EV Charging Station with IP65 Ratings

CITA Smart 7 charger is a compact and high-performance home & workplace charging solution. Smart 7 comes with maximum power up to 7kW for single-phase installation and comes with an integrated type 2 socket. Smart 7's compact housing design is less than 12-inch that operates in an extreme environment such as -30°C ice and snow season or 55°C hot and direct sunshine. Smart 7 connects using WiFi to your home internet to remotely command with any Ocpp 1.6 compatible Backend and Mobile App to provide you with real-time operation, charging insights and scheduling your charging session in advance. Smart 7 comes with three years warranty.



Efficient Charging



7kW Maximum Power Range



Protection IP65 & IK10



**Compatible with all
Type 2 Charging Cables**



**Connects to internet using WiFi
and control from OCPP 1.6
Backoffice**



**Connects to any CPMS
supporting OCPP 1.6**



RFID Card



3- year warranty



Office for
Zero Emission
Vehicles

Approved EV Charger



Electrical Specifications

AC Nominal Input

Phases/Lines	1 phase + neutral+ PE
Voltage	230VAC +/-10%
Frequency	50/60Hz

AC Nominal Output

Phases/Lines	1 phase + neutral + PE
Voltage	230VAC +/-10%
Output Power	7kW programmable
Output Current	32A

General Specifications

Structure Design

Charging Interface	IEC 62196 Type 2 Charging Cable 5 Meters
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Housing Material	High impact plastic
LED Status Indication	Green, Amber, Red
RFID Card/Tag	Yes
RFID Card/Tag Qty.	2 supplied
6mA DC Trip	Integrated

Environmental Index

Operating Temperature	-30°C ~ +55°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000m
Protection	IP65, IK10
Mounting Method	On a wall or on a poll
Solar PV Compatibility	Hardware integration with EMS using Modbus RS485

Package Information

Product Dimension	300mm x 300mm x 130mm
Package Dimension	380mm x 380mm x 215mm
Net Weight	2.54Kg
Gross Weight	3.40Kg

General Specifications

Protection

Multiple Protection

Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection, Grounding protection, Surge protection, Over/Under temperature protection

Safety Standard

EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-22, IEC 62196-2

Dynamic Load Balancing

Yes, via cloud software

Earthing Arrangements

TT, TNS, TNCS (PME)

Earth Leakage Protection

A dedicated 30mA Type A RCD and 40A MCB must be used on the supply circuit

Warranty

3-years

Communication

Communication Protocol

OCPP 1.6 - JSON

Communication Method

WiFi, Optional: 4G/Ethernet

Programmable Charging Time

Yes, preset from APP

Programmable Charging Power

Yes, preset from APP

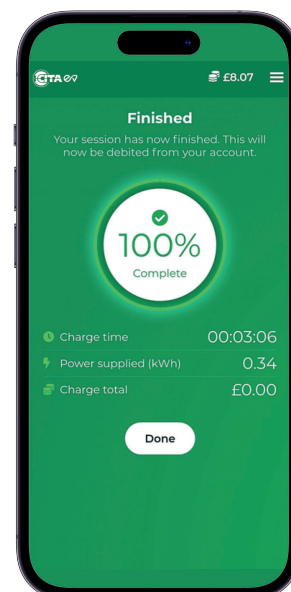
Mobile App Availability

Yes, Android and iOS App

CITA EV App

You are powered by a smart application to manage all your CITA Smart EV charger monitoring and settings from your IOS or Android mobile phone.

- Realtime operation with current control according to your needs
- Smart and schedule charging features
- Charging insights with analytics
- View charging logs, consumption and savings



CITA Smart 7 Eco

The CITA Smart 7 Eco is a compact, high-performance EV charger designed for homes and workplaces. It delivers up to 7.4 kW power output for single-phase installations and includes an integrated Tethered Type 2 cable. Its robust housing is built to perform reliably in extreme temperatures from -30 °C to +55 °C.

Engineered for durability and flexibility, the Smart 7 Eco connects seamlessly to cloud platforms or mobile apps via Wi-Fi, Ethernet, or 4G (optional upgrade). It supports OCPP 1.6 / 2.0, ensuring full compatibility with all major CSMS platforms and mobile apps. Backed by a 3-year manufacturer's warranty, the Smart 7 Eco delivers long-term reliability and peace of mind.



Power Range
up to 7.4kW



Tethered
Type 2 cable



WiFi/Ethernet
4G (Optional)



Protection
IP65 & IK10



RCD AC/DC
Protection



RFID
Access



3 years
Warranty

Electrical Specifications

AC Nominal Input

Phases/Lines	Single phase + neutral+ PE
Voltage	230V±10%
Frequency	50/60Hz

AC Nominal Output

Phases/Lines	Single phase + neutral+ PE
Voltage	230VAC +/-10%
Output Power	7.4kW programmable
Output Current	6 - 32A programmable



General Specifications

Hardware Configuration

Charging Interface	IEC 62196 Type 2 Charging Cable 5 Meters
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772- compliant communication protocol)
Housing Material	High impact plastic
LED Status Indication	Blue/ Green/ Amber/ Red
RFID Card/Tag	Yes
RFID Card/Tag Qty.	2 supplied
6mA DC & 30mA AC Trip	Integrated
Load Balancing	Using CT Clamp (optional Upgrade)

Environmental Index

Operating Temperature	-30°C ~ +55°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000m
Protection	IP65, IK10
Mounting Method	Wall or Pole mount
Solar PV Compatibility	Hardware integration with EMS using Modbus RS-485

Package Information

Product Dimension	280mmX290mmX130mm
Package Dimension	392mmX362mmX285mm
Net Weight	4.55kg
Gross Weight	5.7kg

Protection

Multiple Protection	Over/under-voltage protection, overload protection, current leakage protection, grounding protection, surge protection, and over/under-temperature protection.
Safety Standard	EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-21-2, IEC 62196-2
Dynamic Load Balancing	Yes, via CT Clamp
Earthing Arrangements	TT, TNS, TNCS (PME)
Earth Leakage Protection	Dedicated 30mA Type A RCD and 40A MCB must be used on the supply circuit.
Warranty	3 Years (extendable)

Communication

Communication Protocol	OCPP 1.6
Communication Method	Wi-Fi / Ethernet / 4G (optional upgrade)
Programmable Charging Time	Programmable via Apps
Programmable Charging Power	On hardware and configuration interface
Mobile App Availability	Android and iOS App

CITA Smart 7 Pro

The CITA Smart 7 Pro is a compact yet powerful EV charger, ideal for home and workplace use. It delivers up to 7kW of power for single-phase installations and includes an integrated Type 2 socket with secure locking. Its durable, streamlined design ensures reliable operation in extreme temperatures ranging from -30 °C to +55 °C.

Built for flexibility and long-term performance, the CITA Smart 7 Pro connects effortlessly to cloud platforms or mobile apps via Wi-Fi, Ethernet or 4G. It supports OCPP 1.6 and 2.0, ensuring full compatibility with all major CSMS platforms and app providers. Backed by a 3-year manufacturer's warranty, the Smart 7 Pro offers dependable performance, safety, and peace of mind.



Smart Charging as per UK Regulations



Power Range up to 7kW



WiFi/Ethernet 4G Connectivity



Protection IP65 & IK10



Tamper Deduction



AC & DC RCD Protection



RFID Access



Up to 3 years Warranty

Electrical Specifications

AC Nominal Input

Phases/Lines	Single phase + neutral+ PE
Voltage	230V±10%
Frequency	50/60Hz

AC Nominal Output

Phases/Lines	Single phase + neutral + PE
Voltage	230VAC +/-10%
Output Power	7kW programmable
Output Current	6 - 32A programmable



General Specifications

Hardware Configuration

Charging Interface	IEC 62196 Type 2 charging socket with locking
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Housing Material	High impact plastic
LED Status Indication	Blue/ Green/ Amber/ Red
RFID Card/Tag	Yes
RFID Card/Tag Qty.	5 supplied
6mA DC Trip	Integrated
MID Meter	Integrated
PME	Integrated
Tamper Deduction	Integrated

Environmental Index

Operating Temperature	-30°C ~ +55°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000m
Protection	IP65, IK10
Mounting Method	Wall or Pole mount
Solar PV Compatibility	Hardware integration with EMS using Modbus RS-485

Package Information

Product Dimension	280mmX290mmX130mm
Package Dimension	392mmX362mmX285mm
Net Weight	4.55kg
Gross Weight	5.7kg

Protection

Multiple Protection	Over/under-voltage protection, overload protection, short-circuit protection, current leakage protection, grounding protection, surge protection, and over/under-temperature protection.
Safety Standard	EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-22, IEC 62196-2
Dynamic Load Balancing	Yes, via CT Clamp
Earthing Arrangements	TT, TNS, TNCS (PME)
Earth Leakage Protection	Dedicated 30mA Type A RCD and 40A MCB must be used on the supply circuit.
Warranty	3 Years (extendable)

Communication

Communication Protocol	OCPP 1.6
Communication Method	Wi-Fi / Ethernet / 4G (optional upgrade)
Programmable Charging Time	Programmable via Apps
Programmable Charging Power	On hardware and configuration interface
Mobile App Availability	Android and iOS App

**IECEE**

TM

Ref. Certif. No.

DE 2-039513

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME****CB TEST CERTIFICATE**

Product

AC electric Vehicle Charging Station

Name and address of the applicant

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Name and address of the manufacturer

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Name and address of the factory

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Ratings and principal characteristics

230V ; 32A ; IP65 ; 50-60Hz ; Up to 7.4kW
Temp. Rating : -30°C to +55°C

Trademark (if any)

CITA ev

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

Model: CITA Smart 7
(for description and differences between the models,
refer to the test report)Additional information (if necessary may
also be reported on page 2)A sample of the product was tested and
found to be in conformity withIEC 61851-1:2017
IEC 61851-21-2:2018
for national differences see test reportAs shown in the Test Report Ref. No. which
forms part of this Certificate

IT23Z2VP 001

This CB Test Certificate is issued by the National Certification Body

**TÜVRheinland®**TÜV Rheinland LGA Products GmbH
Tillystr. 2, 90431 Nürnberg, Germany
Phone + 49 221 806-1371
Fax + 49 221 806-3935
Mail: cert-validity@de.tuv.com
Web : www.tuv.com

Date: 2023-07-06

Signature:

F. Ceriani

Certificate Number: QAD-2025.0520.01-EV رقم الشهادة:

This certificate is issued for the product: EV Charger – Mode 3 تم منح هذه الشهادة للمنتج:

Manufactured by: Cita Smart Solution
52 Deerdynes View, Westfield Park, Cumbernauld, G68 9HN,
Glasgow, United Kingdom تم التصنيع بواسطة:

Certificate Holder: CITA SMART SOLUTIONS LLC
P O Box: 191946, 30C10, I-Rise Tower, Barsha Heights, Dubai,
UAE الخاص بشركة:

According to Certification Scheme requirement: Electric Vehicle Supply Equipment وفقاً لمتطلبات برنامج المطابقة:

Trademark / Brand Name: CITA EV العلامة التجارية / الاسم التجاري:

Abu Dhabi Quality and Conformity Council hereby attests the
above product(s) have been assessed in accordance with the
relevant requirements mentioned above. يشهد مجلس أبوظبي للجودة والمطابقة على أن المنتج (المنتجات) أعلاه
قد تم تقييمه وفقاً للمتطلبات المذكورة في هذه الشهادة

Issued Date: 03 February 2025 تاريخ الإصدار:

Expiry Date: 02 February 2028 تاريخ انتهاء الصلاحية:



Bader Al Shemili

QAD-2025.0520.01-EV

Executive Director of Conformity and Standards Services Sector

- The attached Schedule of Certification bearing the same Certificate Number forms an integral part of this Certificate. بيان المطابقة المشمول بالشهادة والذي يحمل نفس رقم الشهادة يشكل جزءاً لا يتجزأ من هذه الشهادة.
- This is an electronic certificate and does not require stamp. تم إعداد هذه الشهادة إلكترونياً ولا تحتاج إلى ختم.
- Visit our website to verify this certificate: <https://jawdah.qcc.abudhabi.ae/en/pages/verify.aspx> <https://jawdah.qcc.abudhabi.ae/en/Pages/verify.aspx> للتحقق من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني.
- Any changes or modification on this certificate will affect its validity. أي كسب أو تغيير في هذه الشهادة ينعكس.

Certificate Number: QAD-2025.0520.01-EV رقم الشهادة:

Issued Date: 03 February 2025 تاريخ الإصدار:

Expiry Date: 02 February 2028 تاريخ انتهاء الصلاحية:

No.	رقم الموديل Model Number	صفات Characteristics	معلومات إضافية Additional information
1	Cita Smart 7	230Vac, 50/60Hz, 1phase, 1max. 32A 7KW AC IP65 -30 °C to +55 °C TYPE 2	
Remarks/ ملاحظات			



شهادة اعتماد الطراز لشواحن المركبات الكهربائية وملحقاتها Type Approval Certificate - Electric Vehicle Chargers and Accessories

Certificate Number: 20250791102 رقم الشهادة:

The Saudi Standards, Metrology and Quality Organization (SASO) hereby certifies that this Electric Vehicle Accessory will satisfy the SASO Technical Regulations: **Electric Vehicle Technical Regulation (issued by SASO)**

Applicant:	تاجية المستدام للطاقة	مقدم الطلب:
Manufacturer:	CITA EV Limited	الصانع:
Importer:	شركة التقنية المستدام للطاقة	المورد:
Importer CR:	7010337637	رقم السجل التجاري للمورد:
Product Name:	Electric Vehicle Charging Station (AC)	اسم المنتج:
HS Code:	8504409000003	الترميز الجمركي:
Trademark:	CITA EV	العلامة التجارية:
Model name:	CITA Smart 7	اسم الطراز:
Model Number:	CITA Smart 7	رقم الطراز:
Country of Origin:	بريطانيا	بلد المنشأ:
Applied standards:	IEC 61851-1, IEC 61851-21-2	المواصفات المطبقة:
Test Report No.:	IT23Z2VP 001	رقم تقرير الاختبار:
Test Report issuing body:	TÜV Rheinland Italia S.r.l.	جهة إصدار التقرير:
Test Report Date:	28/06/2023	تاريخ تقرير الاختبار:
Issue Date:	20/11/2025	تاريخ الإصدار:
Expiry Date:	20/11/2026	تاريخ الانتهاء:

مدير عام الإدارة العامة لمنح الشهادات
Director General of Certification Department

المهندس/ خالد بن محمد النملة
Eng. Khalid Mohammed Alnamlah

تخضع هذه الشهادة خلال مدة سريانها للأنظمة واللوائح ذات العلاقة في المملكة العربية السعودية وأي تعليمات أو تعديلات تصدرها الهيئة.
This certificate shall be subject to the relevant laws and regulations of Saudi Arabia and any instructions or amendments issued by SASO, during its validity.

CITA EV SMART 22

(Datasheets + Certificates)



CITA Smart 22

Commercial Charging Solution with IP65 Ratings

CITA Smart 22 commercial charger provides fast charging to an electric vehicle, using the chargers on-board three phase supply. CITA Smart 22 designed with a type 2 charging socket, the charger is compatible with either type 1, type 2 or GBT cable. Compliant with the industrial standards, the charger uses built-in RCD to secure the safety. CITA Smart 22 can be connected to a charging network with the help of CITA Charger Management System portal or any 3rd party CPMS. Multiple public chargers in one location can be integrated into the network with only one Internet communication connection. Smart 22 comes with three years warranty.



Efficient Charging



22kW Maximum Power Range



Protection IP65 & IK10



**Compatible with all
Type 2 Charging Cables**



**CITA EV App Operation
via WiFi/4G/Ethernet**



**Connects to any CPMS
supporting OCPP 1.6**



RFID Card



3- year warranty



Office for
Zero Emission
Vehicles

Approved EV Charger



Electrical Specifications

AC Nominal Input

Phases/Lines	3 phase + neutral + PE
Rated Voltage	400V±%10
Rated Current	32A
Frequency	60/50Hz

AC Nominal Output

Output Voltage	400V±%10
Output Current	32 - 6A programmable
Output Power	22kW

General Specifications

Structure Design

Charging Socket	IEC 62196 Type 2, IP54, Locking
Charging Mode	Mode 3 (IEC 1-61851 / SAE J1772 compliant communication protocol)
Housing Material	High impact plastic
LED Status Indication	Green, Amber, Red
RFID Card/Tag	Yes
RFID Card/Tag Qty.	5 supplied
6mA DC Trip	Integrated

Environmental Index

Operating Temperature	-55+ ~ 30°C
Working Humidity	%95~%5 without condensation
Working Altitude	<2000m
Protection Rating	IP65, IK10
Mounting Method	On a wall or on a poll

Package Information

Product Dimension (WxHxD)	342mm x 352mm x 132mm
Package Dimension (WxHxD)	435mm x 435mm x 225mm
Net Weight	4.90Kg
Gross Weight	6.20Kg

General Specifications

Protection

Multiple Protection

Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection, Grounding protection, Surge protection, Over/Under temperature protection

Safety Standard

CE Marked, EMC Directive 30/2014/EU, IEC 1-61851, IEC 22-61851, IEC 2-62196

Dynamic Load Balancing

Yes, via cloud software

Earthing Arrangements

TT, TNS, TNCS (PME)

Earth Leakage Protection

A dedicated 30mA Type A RCD must be used on the supply circuit

Warranty

3-years

Communication

Communication Protocol

OCPP 1.6 - JSON

Communication Method

WiFi, Optional: 4G/Ethernet

Programmable Charging Time

Yes, preset from APP

Programmable Charging Power

Yes, preset from APP

Mobile App Availability

Yes, Android and iOS App

CITA Charge Point Management System (CPMS)

CITA Charge Point Management System software lets you track, manage and optimize CITA Smart commercial chargers from wherever and whenever you please.

- Easy & Smart Management
- Analytics of your Business Growth
- Simple Invoicing System
- Scale your charging network easily
- Distribute available power with Dynamic Load Balancing and much more



CITA Smart 22 Eco

The CITA Smart 22 Eco charger offers a high-performance, compact solution for both home and workplace EV charging needs. Delivering up to 22kW of power on three-phase installations, it comes equipped with an integrated Tethered Type 2 cable. Its sleek, compact housing is engineered to operate reliably in extreme temperatures ranging from -30 °C to +55 °C. Built for durability and adaptability, the Smart 22 Eco effortlessly connects to cloud platforms or mobile applications via Wi-Fi, Ethernet, or optional 4G, supporting OCPP 1.6 and 2.0 for seamless integration with all major CSMS systems and app providers. With a 3-year manufacturer's warranty, it guarantees consistent performance and long-lasting reliability.

Power Range
up to 22kW



Tethered
Type 2 cable



WiFi/Ethernet
4G (Optional)



RCD AC/DC
Protection



RFID
Access



3 years
Warranty

Electrical Specifications

AC Nominal Input

Phases/Lines	3 phase + neutral+ PE
Voltage	400V±10%
Frequency	50/60Hz

AC Nominal Output

Phases/Lines	3 phase + neutral + PE
Voltage	400VAC +/-10%
Output Power	22kW programmable
Output Current	6 - 32A programmable



General Specifications

Hardware Configuration

Charging Interface	IEC 62196 Type 2 Charging Cable 5 Meters
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772- compliant communication protocol)
Housing Material	High impact plastic
LED Status Indication	Blue/ Green/ Amber/ Red
RFID Card/Tag	Yes
RFID Card/Tag Qty.	2 supplied
6mA DC & 30mA AC Trip	Integrated
Load Balancing	Using CT Clamp (optional Upgrade)

Environmental Index

Operating Temperature	-30°C ~ +55°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000m
Protection	IP65, IK10
Mounting Method	Wall or Pole mount
Solar PV Compatibility	Hardware integration with EMS using Modbus RS-485

Package Information

Product Dimension	280mmX290mmX130mm
Package Dimension	392mmX362mmX285mm
Net Weight	4.55kg
Gross Weight	5.7kg

Protection

Multiple Protection	Over/under-voltage protection, overload protection, current leakage protection, grounding protection, surge protection, and over/under-temperature protection.
Safety Standard	EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-21-2, IEC 62196-2
Dynamic Load Balancing	Yes, via CT Clamp
Earthing Arrangements	TT, TNS, TNCS (PME)
Earth Leakage Protection	Dedicated 30mA Type A RCD and 40A MCB must be used on the supply circuit.
Warranty	3 Years (extendable)

Communication

Communication Protocol	OCPP 1.6
Communication Method	Wi-Fi / Ethernet / 4G (optional upgrade)
Programmable Charging Time	Programmable via Apps
Programmable Charging Power	On hardware and configuration interface
Mobile App Availability	Android and iOS App

**IECEE**

TM

Ref. Certif. No.

DE 2-039611

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME****CB TEST CERTIFICATE**

Product

AC Electric Vehicle Charging Station

Name and address of the applicant

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Name and address of the manufacturer

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Name and address of the factory

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Ratings and principal characteristics

400 VAC ; 32 A or 16 A ; IP65 ; 50-60Hz ;
a) up to 11kW ; b) up to 22kW
Temp. Rating : -30°C to +55°C

Trademark (if any)

CITA ev

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

Models: a) CITA Smart 11 ; b) CITA Smart 22
(for description and differences between the models,
refer to the test report)Additional information (if necessary may
also be reported on page 2)A sample of the product was tested and
found to be in conformity withIEC 61851-1:2017
IEC 61851-21-2:2018
for national differences see test reportAs shown in the Test Report Ref. No. which
forms part of this Certificate

IT23K4BY 001

This CB Test Certificate is issued by the National Certification Body

**TÜVRheinland®**TÜV Rheinland LGA Products GmbH
Tillystr. 2, 90431 Nürnberg, Germany
Phone + 49 221 806-1371
Fax + 49 221 806-3935
Mail: cert-validity@de.tuv.com
Web : www.tuv.com

Date: 2023-07-07

Signature:

F. Ceriani



شهادة المطابقة Certificate of Conformity

Certificate No.	QAD-2023.1426.01-EV	رقم الشهادة:
This certificate is issued for the product:	EV Charger – Mode 3	تم منح هذه الشهادة للمنتج:
Certificate Holder:	CITA Smart Solution LLC	الخاص بشركة:
According to the requirements of:	Electric Vehicle Supply Equipment	وفقاً للمتطلبات الخاصة بـ:
Issued Date:	18 October 2023	تاريخ الإصدار:
Expiry Date:	17 October 2026	تاريخ انتهاء الصلاحية:



QAD-2023.1426.01-EV

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<https://jawdah.qcc.abudhabi.ae/en/pages/homepage.aspx>
Any changes or modification on this certificate will affect its validity

هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم
للتأكد من صحة هذه الشهادة يرجى زيارة موقع جودة الإلكتروني:
<https://jawdah.qcc.abudhabi.ae/en/Pages/homepage.aspx>
أي كسب أو تغيير في هذه الشهادة يلغيها



علامة أبوظبي للثقة
Abu Dhabi Trust Mark

مجلس أبوظبي
للجودة والمطابقة
Abu Dhabi Quality &
Conformity Council



وثيقة المطابقة Conformity Document

Certificate No:	QAD-2023.1426.01-EV	رقم الشهادة:
Expiry Date:	17 October 2026	تاريخ الإنتهاء:

Issuing Date: **18 October 2023** تاريخ الإصدار:

Conformity Scheme: **Electric Vehicle Supply Equipment** برنامج المطابقة:

Product: **EV Charger – Mode 3** المنتج:

Name and Address of the Licensee: **CITA Smart Solution LLC
P.O. Box: 191946, 2106 HDS Tower, Cluster F, JLT, Dubai, UAE** اسم و عنوان صاحب الحق بإستخدام العلامة:

Name and Address of the Manufacturer and the Factory: **CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld, G68 9HN, Glasgow, United Kingdom** اسم وعنوان المصنع ومكان التصنيع:

Trademark / Brand Name: **CITA EV** العلامة التجارية / الاسم التجاري:



QAD-2023.1426.01-EV

This is an electronic certificate and does not require stamp

Visit our website to verify this certificate:

<https://jawdah.qcc.abudhabi.ae/en/pages/homepage.aspx>

Any changes or modification on this certificate will affect its validity

هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم

للتأكد من صحة هذه الشهادة يرجى زيارة موقع جودة الإلكتروني:

<https://jawdah.qcc.abudhabi.ae/en/Pages/homepage.aspx>

أي كشط أو تغيير في هذه الشهادة يلغيها



علامة أبوظبي للثقة
Abu Dhabi Trust Mark

مجلس أبوظبي
للجودة والمطابقة
Abu Dhabi Quality &
Conformity Council



وثيقة المطابقة

Conformity Document

Certificate No:	QAD-2023.1426.01-EV	رقم الشهادة:
Expiry Date:	17 October 2026	تاريخ الإنتهاء:

Model	Characteristics	Additional information
CITA Smart 22	400Vac, 50/60Hz, 3 phase, I _{max} . 32A 22kW IP 65 -30°C ~ +55°C Type 2	

Notes:



QAD-2023.1426.01-EV

This is an electronic certificate and does not require stamp

Visit our website to verify this certificate:

<https://jawdah.qcc.abudhabi.ae/en/pages/homepage.aspx>

Any changes or modification on this certificate will affect its validity

هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم

للتأكد من صحة هذه الشهادة يرجى زيارة موقع جودة الإلكتروني:

<https://jawdah.qcc.abudhabi.ae/en/Pages/homepage.aspx>

أي كشط أو تغيير في هذه الشهادة يلغيها



شهادة اعتماد الطراز لشواحن المركبات الكهربائية وملحقاتها Type Approval Certificate - Electric Vehicle Chargers and Accessories

Certificate Number: 20250791102 رقم الشهادة:

The Saudi Standards, Metrology and Quality Organization (SASO) hereby certifies that this Electric Vehicle Accessory will satisfy the SASO Technical Regulations: **Electric Vehicle Technical Regulation (issued by SASO)**

Applicant:	تاجية المستدام للطاقة	مقدم الطلب:
Manufacturer:	CITA EV Limited	الصانع:
Importer:	شركة التقنية المستدام للطاقة	المورد:
Importer CR:	7010337637	رقم السجل التجاري للمورد:
Product Name:	Electric Vehicle Charging Station (AC)	اسم المنتج:
HS Code:	8504409000003	الترميز الجمركي:
Trademark:	CITA EV	العلامة التجارية:
Model name:	CITA Smart 7	اسم الطراز:
Model Number:	CITA Smart 7	رقم الطراز:
Country of Origin:	بريطانيا	بلد المنشأ:
Applied standards:	IEC 61851-1, IEC 61851-21-2	المواصفات المطبقة:
Test Report No.:	IT23Z2VP 001	رقم تقرير الاختبار:
Test Report issuing body:	TÜV Rheinland Italia S.r.l.	جهة إصدار التقرير:
Test Report Date:	28/06/2023	تاريخ تقرير الاختبار:
Issue Date:	20/11/2025	تاريخ الإصدار:
Expiry Date:	20/11/2026	تاريخ الانتهاء:

مدير عام الإدارة العامة لمنح الشهادات
Director General of Certification Department

المهندس/ خالد بن محمد النملة
Eng. Khalid Mohammed Alnamlah

تخضع هذه الشهادة خلال مدة سريانها للأنظمة واللوائح ذات العلاقة في المملكة العربية السعودية وأي تعليمات أو تعديلات تصدرها الهيئة.
This certificate shall be subject to the relevant laws and regulations of Saudi Arabia and any instructions or amendments issued by SASO, during its validity.

CITA EV SMART 44

(Datasheets + Certificates)



CITA Smart 44

2X22KW, Mode 3 AC Charger

The CITA Smart 44 is a 44kW AC commercial EV charger engineered for high-demand environments, including commercial fleets, public transport depots, and workplace charging facilities. Built to industrial standards, it delivers reliable dual-vehicle charging with independent, fully isolated control and power circuits. The unit features a MID-certified energy meter for accurate billing, built-in RCD protection for safety, and enhanced anti-jamming capabilities to ensure stable operation.

Designed for scalability, multiple Smart 44 chargers can be networked at a single site with just one internet connection, making it an ideal solution for public or commercial infrastructure projects. With an operating range from -30°C to +55°C, the Smart 44 is robust enough for extreme climates, while its 3-year manufacturer's warranty provides long-term peace of mind. Combining high power, precision, and resilience, the CITA Smart 44 is a dependable choice for organisations looking to expand their EV charging capabilities.



Upto 2X22kW Power Range, Mode 3



WiFi/Ethernet Connection



Protection IP65 & IK10



Type-2 Socket



Ocpp 1.6



Easy Installation and Maintenance



RFID Card and Mobile Payments



3- year warranty



Electrical Specifications

AC Nominal Input

Phases/Lines	3 phase + netural+ PE (Optional: 1 phase + netural+ PE)
Input Voltage	400V±10%
Frequency	50/60Hz

AC Nominal Output

Output Voltage	400V±10%
Output Power	2x22kW programmable
Output Current	2x32A programmable

General Specifications

Hardware Configuration

Housing Material	Galvanized steel
Display Panel	Temper glass
Installation Method	Ground Mounted (EV Block/NAL Socket Optional)
Charging Outlet	2 X Type 2 charging socket with locking and shutter
Cable Length	No cable
LED Indicator	Green/Yellow/Red colour notification on CITA logo, Yes
LCD Screen	7 in LCD Display For Monitoring
RFID Function	Yes, Mi-fare Classic 1K
MCB	40A
Energy Meter	MID certified
RCD	30mA AC+ 6mA DC

Environmental Index

Operating Temperature	-30 °C - +55°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000M
Protection Grade	IP65, IK10
Application Site	Indoor/Outdoor
Cooling Method	Passive cooling

Package Information

Product Dimension	300mm x 300mm x 1258mm
Package Dimension	480mm X 480mm X 1400mm
Net Weight	32.5KG
Gross Weight	43.5KG
External Packing	Wooden case

General Specifications

Protection

Multiple Protection

Over/under-voltage protection, overload protection, short-circuit protection, current leakage protection, grounding protection, surge protection, and over/under-temperature protection.

Safety Standard

IEC 61851-1, IEC 61851-21-1, IEC 62196-2

Warranty

3 years

Communication

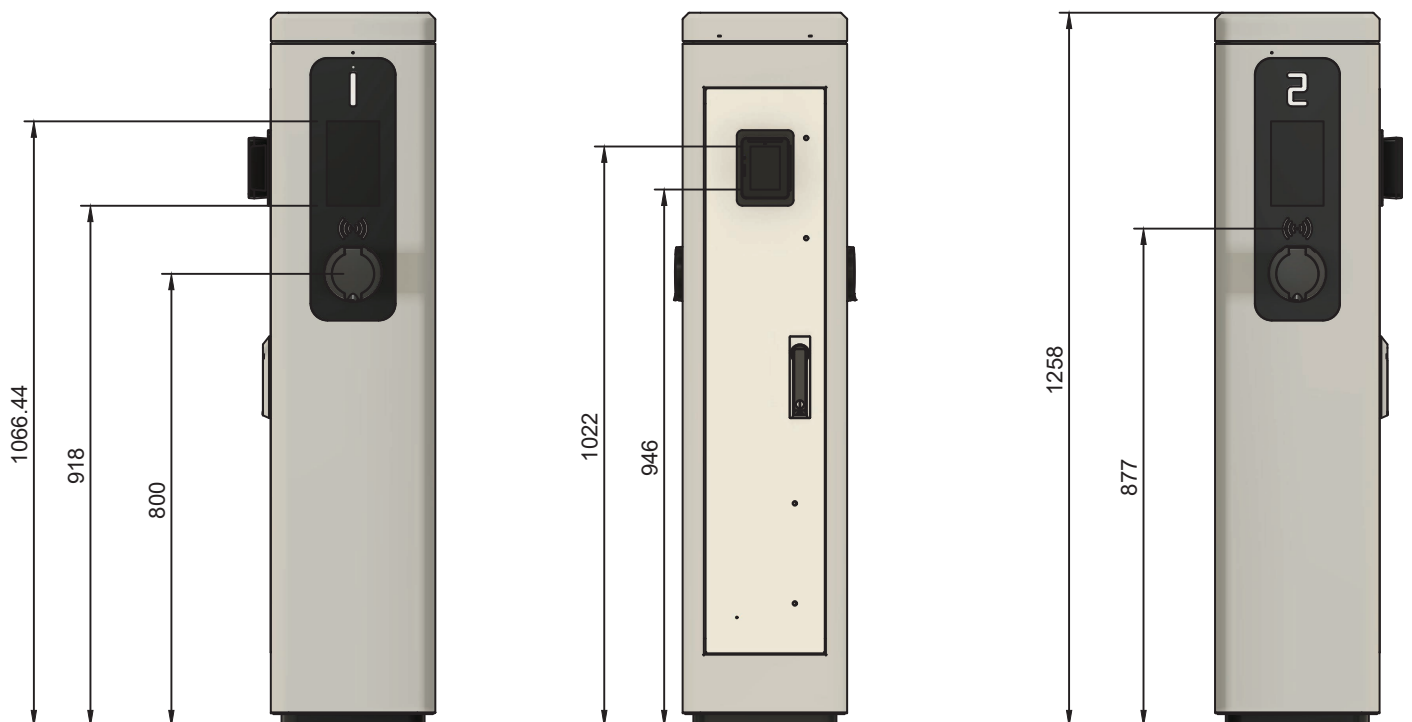
Network Gateway

Ethernet/WiFi/4G communication

Communication Protocol

OCPP 1.6, OCPP 2.0(Upgradeable)

Dimension





TM

Ref. Certif. No.

DE • 2-043322

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

AC Electric Vehicle Charging Station

Name and address of the applicant

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Name and address of the manufacturer

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Name and address of the factory

CITA EV Limited
Deerdykes View, Westfield Park 52
Cumbernauld, Glasgow, G68 9HN, United Kingdom

Ratings and principal characteristics

230 VAC; 2 x 32A or 400 VAC; 2 x 16A or 400 VAC; 2 x 32A;
IP65; 50-60Hz;
Temp. Rating : -30°C to +55°C

Trademark (if any)

CITA ev

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

Model: CITA Smart 44
(for description and differences between the models,
refer to the test report)Additional information (if necessary may
also be reported on page 2)A sample of the product was tested and
found to be in conformity withIEC 61851-1:2017
IEC 61851-21-2:2018
for national differences see test reportAs shown in the Test Report Ref. No. which
forms part of this Certificate

IT23ES47 001

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

TÜV Rheinland LGA Products GmbH
Tillystr. 2, 90431 Nürnberg, Germany
Phone + 49 221 806-1371
Fax + 49 221 806-3935
Mail: cert-validity@de.tuv.com
Web : www.tuv.com

Date: 2024-12-04

Signature:

Marco Piva

Certificate Number: QAD-2024.0141.01-EV رقم الشهادة:
This certificate is issued for the product: EV Charger – Mode 3 تم منح هذه الشهادة للمنتج:
Manufactured by: CITA EV Limited تم التصنيع بواسطة:
52 Deerdykes View, Westfield Park, Cumbernauld, G68 9HN,
Glasgow, United Kingdom
Certificate Holder: CITA Smart Solution LLC الخاص بشركة:
30CIO, I-Rise Tower, Barsha Heights, Dubai, United Arab Emirates
According to Certification Scheme requirement: Electric Vehicle Supply Equipment وفقاً لمتطلبات برنامج المطابقة:
Trademark / Brand Name: CITA EV العلامة التجارية / الاسم التجاري:
Abu Dhabi Quality and Conformity Council hereby attests the
above product(s) have been assessed in accordance with the
relevant requirements mentioned above. يشهد مجلس أبوظبي للجودة والمطابقة على أن المنتج (المنتجات) أعلاه
قد تم تقييمه وفقاً للمتطلبات المذكورة في هذه الشهادة
Issued Date: 22 March 2024 تاريخ الإصدار:
Expiry Date: 21 March 2027 تاريخ انتهاء الصلاحية:



QAD-2024.0141.01-EV

Executive Director of Conformity and Standards Services Sector

- The attached Schedule of Certification bearing the same Certificate Number forms an integral part of this Certificate. بيان المطابقة المضمون بالشهادة والذي يحمل نفس رقم الشهادة يشكل جزءاً لا يتجزأ من هذه الشهادة.
- This is an electronic certificate and does not require stamp. لم إصدار هذه الشهادة إلكترونياً ولا تحتاج إلى ختم.
- Visit our website to verify this certificate: <https://jawdah.qcc.abudhabi.ae/en/pages/verify.aspx> للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: <https://jawdah.qcc.abudhabi.ae/en/pages/verify.aspx>
- Any changes or modification on this certificate will affect its validity. أي كسب أو تغيير في هذه الشهادة يلغيها.

Certificate Number: QAD-2024.0141.01-EV رقم الشهادة:
Issued Date: 22 March 2024 تاريخ الإصدار:
Expiry Date: 21 March 2027 تاريخ انتهاء الصلاحية:

No.	رقم النموذج Model Number	صفات Characteristics	معلومات إضافية Additional information
1	Cita Smart 44	Input 400Vac, 50/60Hz, 3 phase, Imax. 2 X 32A, Output Imax. 2 x 22kW (Type 2) Charging Station: IP65, IK10, -30 °C ~ +55 °C, 2 x Type 2 Socket (IEC 62196-1)	
Remarks/ ملاحظات	All CITA EV AC Chargers are having inbuilt 30mA AC type A / 6mA DC RCD and passed the testing as per relevant IEC standards.		

CITA EV DC CHARGERS

(Datasheets + Certificates)



CITA EV SMART 30 DC

(Datasheets + Certificates)



CITA Smart 30 DC

Fast & Compact DC Charging Solution

CITA Smart 30 DC is a fast, efficient and reliable charger meeting the highest standards for new electric vehicle charging. Its compact design allows you to charge all CCS2 (IEC 62196-3), CHAdeMO (IEC) or GB/T (20234.3) supported electric vehicles with up to 30kW output. It connects intelligently with Ethernet/4G/Wi-Fi and uses OCPP 1.6 to communicate to the backend system.

It can be operated with a POS Payment terminal that can accept contactless payments using Apple Pay, Google Pay and other leading Credit Card payment methods. You can also command it with RFID authentication. CITA Smart 30 DC comes with two years warranty.



Efficient Charging
with Load Balancing



Up to 30kW DC
Output (programmable)



CCS2 (IEC 62196-3), CHAdeMO (IEC 62196-1),
GB/T (20234.3)



Connects to OCPP 1.6 backend
via 4G/Ethernet



RFID Card Reader
or POS Payment Terminal



2-year warranty



Electrical Specifications

Input Parameters

Input Grid System	3 phase + neutral+ PE
Input Voltage	380 / 400 / 415 VAC
Input Current	43A, BREAKER SIZE = 60A
Frequency	50/60Hz

Output Parameters

Output Voltage	DC: 50-1000VDC
Output Current	0-125A max
Output Power	Up to 30kW (programmable)

General Specifications

Hardware Configuration

Charge Connector	1 DC CONNECTOR: CCS2 (IEC 62196-3)(OR)CHAdeMO (IEC 62196-1))(OR) GB/T (20234.3)
Cable Length	3.5M
Enclosure	Galvanized steel
LCD Display	10.4" color touch screen
RFID Reader	ISO/IEC 14443 A/B
POS Payment Terminal	Payter P68 or Nayax POS Terminals (Optional)
Start Mode	Plug&Play/RFID card/Mobile App
Emergency Stop	Yes (Optional)
Installation Method	Wall-mount/ Floor-stand on a pole

Environmental Index

Operating Temperature	-20°C to +60°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000M
Protection Grade	IP54, IK10
Cooling Method	Fan cooling
Noise	≤65dB@22°C

Product Dimension

Dimensions	456mm x 361mm x 734mm (WxDxH)
Net Weight	37kg
Gross Weight	40kg

General Specifications

Electrical Parameter

Efficiency	≥95%
Power Factor	≥0.99 @ 50%~100% loading
THD	≤5% @ 50%~100% loading
Ripple Factor	±0.5%

Security Protection

Energy Meter	DC Energy Meter
Ingress Protection	IP54
Impact Protection	IK10
Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection
Certification	CE, UKCA
Certification Standard	EN IEC 61851-1 : 2019, EN 61851-23 : 2014, EN IEC 61854-21-2:2021, EN62196, ISO15118 (Optional Upgrade)
Warranty	2 years

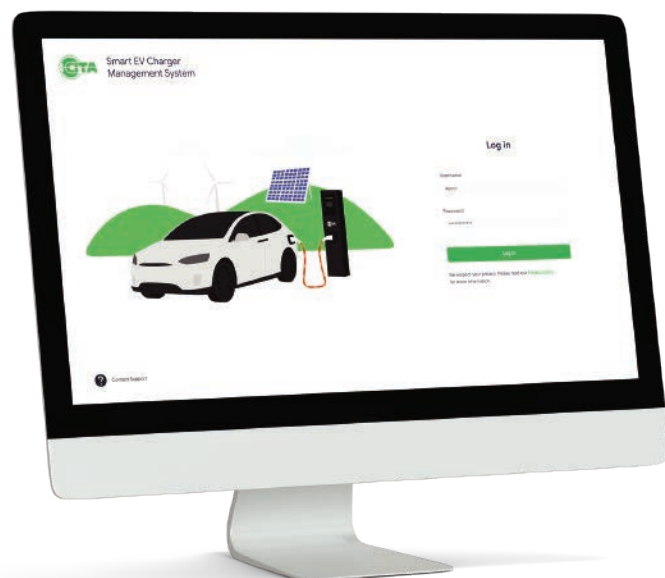
Communication

Network Gateway	Ethernet/4G communication
Communication Protocol	OCPP 1.6 JSON

CITA Smart EV Charger Management System

CITA charger management system software lets you track, manage and optimize CITA Smart commercial chargers from wherever and whenever you please.

- Easy & Smart Management
- Analytics of your Business Growth
- Simple Invoicing System
- Scale your charging network easily
- Distribute available power with Dynamic Load Balancing and much more



ATTESTATION OF CONFORMITY

Name and Address of Attestation Holder:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Document Number

CE-1883-05-011124

Date of Issue:

01.11.2024

Name and Address of Manufacturer:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Expiration Date:

01.11.2029

Brand:**Test Report Number:**

ENS2405280241P00401R
ENS2405280241P00402R

Product Name:

Electric Vehicle Charging Station

Test Required:

EN IEC 61851-1:2019
EN 61851-23:2014
EN 61851-24:2014

Product Model:

CITA Smart 30 DC

The product meets the technical requirement of the above standards as mentioned in the reference test reports and hence fulfils the technical requirements of the following directives

2014/35/EU Low Voltage Directive

This document is only valid for the equipment and configuration described, in conjunction with the test data detailed above reference test reports. Document was issued on voluntary basis and does not imply meeting Notified Body conformity assessment procedure for the product.

The CE Mark, under the responsibility of the manufacturer or the importer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

SIGNATURE

Certificate Number: QAD-2025.0687.01-EV رقم الشهادة:

This certificate is issued for the product: EV Charger – Mode 4 تم منح هذه الشهادة للمنتج:

Manufactured by: CITA EV Limited
52 Deerdrykes View, Westfield Park, Cumbernauld, G68 9HN,
Glasgow, United Kingdom
الخاص بشركة:

Certificate Holder: CITA Smart Solution LLC
P.O. Box: 191946, 30C10, I-Rise Tower, Barsha Heights, Dubai,
UAE

According to Certification Scheme requirement: Electric Vehicle Supply Equipment وفقاً لمتطلبات برنامج المطابقة:

Trademark / Brand Name: CITA العلامة التجارية / الاسم التجاري:

Abu Dhabi Quality and Conformity Council hereby attests the
above product(s) have been assessed in accordance with the
relevant requirements mentioned above. يشهد مجلس أبوظبي للجودة والمطابقة على أن المنتج (المنتجات) أعلاه
قد تم تقييمه وفقاً للمتطلبات المذكورة في هذه الشهادة

Issued Date: 04 November 2025 تاريخ الإصدار:

Expiry Date: 03 November 2028 تاريخ انتهاء الصلاحية:


Bader Al Shemili

QAD-2025.0687.01-EV

Executive Director of Conformity and Standards Services Sector

- The attached Schedule of Certification bearing the same Certificate Number forms an integral part of this Certificate. بيان المطابقة المشمول بالشهادة والذي يحمل نفس رقم الشهادة يشكل جزءاً لا يتجزأ من هذه الشهادة.
- This is an electronic certificate and does not require stamp. تم إصدار هذه الشهادة إلكترونياً ولا تحتاج إلى ختم.
- Visit our website to verify this certificate: <https://jawdah.qcc.abudhabi.ae/en/pages/verify.aspx> للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: <https://jawdah.qcc.abudhabi.ae/en/Pages/verify.aspx>
- Any changes or modification on this certificate will affect its validity. أي تغيير أو تعديل في هذه الشهادة ينعكس عليها.

Certificate Number: QAD-2025.0687.01-EV رقم الشهادة:

Issued Date: 04 November 2025 تاريخ الإصدار:

Expiry Date: 03 November 2028 تاريخ انتهاء الصلاحية:

No.	رقم الموديل Model Number	صفات Characteristics	معلومات إضافية Additional Information
1	CITA SMART 30 DC	1 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input I _{max} : 43A (CCS-2, CHAdeMO, GB/T), 32A (Type-2) 30kW DC / 22kW AC IP54 -30°C ~ +50°C CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
Remarks/ ملاحظات			

CITA EV SMART 80 DC

(Datasheets + Certificates)





CITA SMART 80 DC

DATASHEET

O V E R V I E W

The 80kW DC Fast Charger is designed for fast, reliable EV charging in high-demand locations. Built with new-generation 40kW power modules, it delivers stable performance and smart power distribution while supporting simultaneous charging for up to four EVs (2× DC + 2× AC). This makes it a practical choice for commercial sites looking to serve more vehicles without compromising charging speed or efficiency.

Its sleek, space-efficient design fits seamlessly into any environment and is built for outdoor use. A large 10-inch touchscreen interface ensures an easy user experience, while features like OCPP 2.0.1 readiness, ISO 15118 compliance, and an optional POS terminal for direct payments make it future-ready and convenient for both operators and drivers. Ideal for highways, fleets, parking facilities, and public charging hubs, this charger combines performance, flexibility, and modern design in one powerful solution.

New Gen 40kW Power Modules



10-inch interactive
touchscreen



POS terminal for
direct Payments



Retractable charging
cables



Charge 4 EVs
Simultaneously
(2 DC + 2 AC)



Ambient LED lighting



Sleek design suitable
for all locations



ELECTRICAL SPECIFICATIONS

INPUT

Voltage	400Vac, 3P+N+PE
Voltage range	304V~456Vac
Working frequency	50/60Hz

OUTPUT

AC Output	AC Type 2 socket	400Vac, 32A, 22kW
DC Output	CCS2	
	150-1000Vdc	
	250Amax	
Working mode	DC charging with Load balancing between 2 Guns; 2x DC 2XAC 22kw CHARGING simultaneously	
Rated Power	80kW	

CONFIGURATION

Connector	Operation	Output	Optional Output
CCS2	Single Gun	80KW DC at 250A	60KW DC at 250A
CCS2	Dual gun	40KW DC at 250A+ 40KW DC at 250A	30KW DC at 250A+ 30KW DC at 250A

GENERAL SPECIFICATIONS

PROTECTION

Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature,Ground fault, Isolation fault
Security	Firmware, User Authentication, Cyber Security

HARDWARE CONFIGURATION

Display	10'' color touch screen
User Authentication	Password, RFID, QR Code on Screen, OCPP App
RFID	ISO/IEC14443A/B, Mifare,NFC reader mode

GENERAL SPECIFICATIONS

HARDWARE CONFIGURATION

Network Interface	Default: LAN Ethernet; 2G/3G/4G
Communication Protocol	OCPP 1.6J (UPGRADABLE TO OCPP 2.0.1)
Standards	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 61851-21-1, DIN70121, ISO15118
Remote maintenance	Support remote maintenance, remotely view the operating status of charger, remotely upgrade firmware, and remotely obtain logs

ENVIRONMENTAL

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +70°C
Humidity	< 95% non-condensing
Altitude	2000 m

MECHANICAL

Ingress Protection	IP55
Cooling	Forced air
Dimension (W*H*D)	To be confirmed
Enclosure Material	Galvanized sheet
Energy Meter	MID DC/AC meter
MCCB Breaker / SPD	Installed
4G Router	Industrial Grade 4G router
Power Socket Provision	Provide a three pin single phase UK standard power socket in the DIN Rail Terminal

Disclaimer: The information in this document is accurate to the best of our knowledge at the time of publication and reflects the product shown. To continually improve performance and user experience, CITA Smart Solutions may update product specifications, features, colours, or design details without prior notice. We recommend confirming the latest specifications at the time of purchase.

For support or further enquiries, please contact supportuk@citaevcharger.co.uk or call +44 800 368 6362.

ATTESTATION OF CONFORMITY

Name and Address of Attestation Holder:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Document Number

CE-1883-01-150424

Date of Issue:

15.04.2024

Name and Address of Manufacturer:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Expiration Date:

15.04.2029

Brand:**Test Report Number:**

ENS2402270050E00101R

Product Name:

Electric Vehicle Charging Station

Test Required:

EN IEC 61851-21-2: 2021
EN IEC 61000-6-4:2019
EN IEC 61000-6-2:2019
EN 61000-3-12:2011
EN IEC 61000-3-11:2019

Product Model:

CITA Smart 180 DC
CITA Smart 150 DC
CITA Smart 120 DC
CITA Smart 90 DC
CITA Smart 60 DC

The product meets the technical requirement of the above standards as mentioned in the reference test reports and hence fulfils the technical requirements of the following directives

2014/30/EU Electromagnetic Compatibility Directive

This document is only valid for the equipment and configuration described, in conjunction with the test data detailed above reference test reports. Document was issued on voluntary basis and does not imply meeting Notified Body conformity assessment procedure for the product.

The CE Mark, under the responsibility of the manufacturer or the importer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

SIGNATURE

Certificate Number: QAD-2024.0612.01-EV رقم الشهادة:

This certificate is issued for the product: EV Charger – Mode 4 تم منح هذه الشهادة للمنتج:

Manufactured by: CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld, G68 9HN,
Glasgow, United Kingdom تم التصنيع بواسطة:

Certificate Holder: CITA Smart Solution LLC
P O Box: 191946, 30C10, I-Rise Tower, Barsha Heights, Dubai,
UAE الخاص بشركة:

According to Certification Scheme requirement: Registration of Electric Vehicle Supply Equipment وفقاً لمتطلبات برنامج المطابقة:

Trademark / Brand Name: CITA EV العلامة التجارية / الاسم التجاري:

Abu Dhabi Quality and Conformity Council hereby attests the
above product(s) have been assessed in accordance with the
relevant requirements mentioned above. يشهد مجلس أبوظبي للجودة والمطابقة على أن المنتج (المنتجات) أعلاه
قد تم تقييمه وفقاً للمتطلبات المذكورة في هذه الشهادة

Issued Date: 28 October 2024 تاريخ الإصدار:

Expiry Date: 27 October 2027 تاريخ انتهاء الصلاحية:



مصدق

Bader Al Shemili

QAD-2024.0612.01-EV

Executive Director of Conformity and Standards Services Sector

- The attached Schedule of Certification bearing the same Certificate Number forms an integral part of this Certificate. بيان المطابقة المشمول بالشهادة والذي يحمل نفس رقم الشهادة يشكل جزءاً لا يتجزأ من هذه الشهادة.
- This is an electronic certificate and does not require stamp. تم إصدار هذه الشهادة إلكترونياً ولا تحتاج إلى ختم.
- Visit our website to verify this certificate: <https://jawdah.qcc.abudhabi.ae/en/pages/verify.aspx> للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: <https://jawdah.qcc.abudhabi.ae/en/Pages/verify.aspx>
- Any changes or modification on this certificate will affect its validity. أي كسب أو تغيير في هذه الشهادة يلغيها.

Certificate Number: QAD-2024.0612.01-EV رقم الشهادة:

Issued Date: 28 October 2024 تاريخ الإصدار:

Expiry Date: 27 October 2027 تاريخ انتهاء الصلاحية:

No.	رقم الموديل Model Number	صفات Characteristics	معلومات إضافية Additional information
1	CITA Smart 60 DC	2 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 92A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 60kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
2	CITA Smart 90 DC	3 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 137A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 90kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
3	CITA Smart 120 DC	4 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 183A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 120kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
4	CITA Smart 150 DC	5 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 228A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 150kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
5	CITA Smart 180 DC	6 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 274A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 180kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
Remarks/ ملاحظات		All CITA EV AC Chargers are having inbuilt 30mA AC type A / 6mA DC RCD and passed the testing as per relevant IEC standards.	



شهادة اعتماد الطراز لشواحن المركبات الكهربائية وملحقاتها Type Approval Certificate - Electric Vehicle Chargers and Accessories

Certificate Number: 20250790362 رقم الشهادة:

The Saudi Standards, Metrology and Quality Organization (SASO) hereby certifies that this Electric Vehicle Accessory will satisfy the SASO Technical Regulations: **Electric Vehicle Technical Regulation (issued by SASO)**

Applicant:	تاجية المستدامة للطاقة	مقدم الطلب:
Manufacturer:	CITA EV Limited	الصانع:
Importer:	شركة التقنية المستدامة للطاقة	المورد:
Importer CR:	7010337637	رقم السجل التجاري للمورد:
Product Name:	Electric Vehicle Charging Station (DC)	اسم المنتج:
HS Code:	850440900003	الترميز الجمركي:
Trademark:	CITA EV	العلامة التجارية:
Model name:	CITA Smart 60 DC	اسم الطراز:
Model Number:	CITA Smart 60 DC	رقم الطراز:
Country of Origin:	بريطانيا	بلد المنشأ:
Applied standards:	IEC 61851-1, IEC 61851-23, IEC 61851-21-2	المواصفات المطبقة:
Test Report No.:	ENS2402270050P00202R	رقم تقرير الاختبار:
Test Report issuing body:	EMTEK (SHENZHEN) CO., LTD.	جهة إصدار التقرير:
Test Report Date:	29/02/2024	تاريخ تقرير الاختبار:
Issue Date:	20/11/2025	تاريخ الإصدار:
Expiry Date:	20/11/2026	تاريخ الانتهاء:

مدير عام الإدارة العامة لمنح الشهادات
Director General of Certification Department

المهندس/ خالد بن محمد النملة
Eng. Khalid Mohammed Alnamlah

تخضع هذه الشهادة خلال مدة سريانها للأنظمة واللوائح ذات العلاقة في المملكة العربية السعودية وأي تعليمات أو تعديلات تصدرها الهيئة.
This certificate shall be subject to the relevant laws and regulations of Saudi Arabia and any instructions or amendments issued by SASO, during its validity.

CITA EV SMART 160 DC

(Datasheets + Certificates)



160kW



CITA SMART 160 DC

DATASHEET



O V E R V I E W

The 160kW DC Fast Charger is built for ultra-fast EV charging in high-demand environments where performance, reliability, and scalability are critical. Powered by advanced new-generation 40kW power modules, it delivers high-output charging with stable performance and intelligent energy distribution. Designed to charge up to four EVs simultaneously (2× DC + 2× AC), it is ideal for busy commercial and public charging locations.

With a sleek, modern design that fits seamlessly into any location, the charger is engineered for durable outdoor use. A 10-inch interactive touchscreen ensures a smooth user experience, while features such as OCPP 2.0.1 readiness, ISO 15118 compliance, and an optional POS terminal for direct payments make it future-ready for evolving charging networks. Well-suited for highways, fleets, parking facilities, and public charging hubs, the 160kW DC Fast Charger delivers powerful, reliable, and scalable fast-charging performance

New Gen 40kW Power Modules



10-inch interactive
touchscreen



POS terminal for
direct Payments



Retractable charging
cables



Charge 4 EVs
Simultaneously
(2 DC + 2 AC)



Ambient LED lighting



Sleek design suitable
for all locations



ELECTRICAL SPECIFICATIONS

INPUT

Voltage	400Vac, 3P+N+PE
Voltage range	304V~456Vac
Working frequency	50/60Hz

OUTPUT

AC Output	AC Type 2 socket	400Vac, 32A, 22kW
DC Output	CCS2	
	150-1000Vdc	
	250Amax	
Working mode	DC charging with Load balancing between 2 Guns; 2x DC 2XAC 22kw CHARGING simultaneously	
Rated Power	160kW	

CONFIGURATION

Connector	Operation	Output	Optional Output
CCS2	Single Gun	160KW DC at 250A	120KW DC at 250A
CCS2	Dual gun	80KW DC at 250A+ 80KW DC at 250A	60KW DC at 250A+ 60KW DC at 250A

GENERAL SPECIFICATIONS

PROTECTION

Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature,Ground fault, Isolation fault
Security	Firmware, User Authentication, Cyber Security

HARDWARE CONFIGURATION

Display	10'' color touch screen
User Authentication	Password, RFID, QR Code on Screen, OCPP App
RFID	ISO/IEC14443A/B, Mifare,NFC reader mode

G E N E R A L S P E C I F I C A T I O N S

HARDWARE CONFIGURATION

Network Interface	Default: LAN Ethernet; 2G/3G/4G
Communication Protocol	OCPP 1.6J (UPGRADABLE TO OCPP 2.0.1)
Standards	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 61851-21-1, DIN70121, ISO15118
Remote maintenance	Support remote maintenance, remotely view the operating status of charger, remotely upgrade firmware, and remotely obtain logs

ENVIRONMENTAL

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +70°C
Humidity	< 95% non-condensing
Altitude	2000 m

MECHANICAL

Ingress Protection	IP55
Cooling	Forced air
Dimension (W*H*D)	To be confirmed
Enclosure Material	Galvanized sheet
Energy Meter	MID DC/AC meter
MCCB Breaker / SPD	Installed
4G Router	Industrial Grade 4G router
Maintenance power supply	Three pin single Phase UK standard Power socket in the DIN RAIL TERMINAL

Disclaimer: The information in this document is accurate to the best of our knowledge at the time of publication and reflects the product shown. To continually improve performance and user experience, CITA Smart Solutions may update product specifications, features, colours, or design details without prior notice. We recommend confirming the latest specifications at the time of purchase.

For support or further enquiries, please contact supportuk@citaevcharger.co.uk or call +44 800 368 6362.

ATTESTATION OF CONFORMITY

Name and Address of Attestation Holder:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Document Number

CE-1883-01-150424

Date of Issue:

15.04.2024

Name and Address of Manufacturer:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Expiration Date:

15.04.2029

Brand:**Test Report Number:**

ENS2402270050E00101R

Product Name:

Electric Vehicle Charging Station

Test Required:

EN IEC 61851-21-2: 2021
EN IEC 61000-6-4:2019
EN IEC 61000-6-2:2019
EN 61000-3-12:2011
EN IEC 61000-3-11:2019

Product Model:

CITA Smart 180 DC
CITA Smart 150 DC
CITA Smart 120 DC
CITA Smart 90 DC
CITA Smart 60 DC

The product meets the technical requirement of the above standards as mentioned in the reference test reports and hence fulfils the technical requirements of the following directives

2014/30/EU Electromagnetic Compatibility Directive

This document is only valid for the equipment and configuration described, in conjunction with the test data detailed above reference test reports. Document was issued on voluntary basis and does not imply meeting Notified Body conformity assessment procedure for the product.

The CE Mark, under the responsibility of the manufacturer or the importer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

SIGNATURE

Certificate Number: QAD-2024.0612.01-EV رقم الشهادة:

This certificate is issued for the product: EV Charger – Mode 4 تم منح هذه الشهادة للمنتج:

Manufactured by: CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld, G68 9HN,
Glasgow, United Kingdom تم التصنيع بواسطة:

Certificate Holder: CITA Smart Solution LLC
P O Box: 191946, 30C10, I-Rise Tower, Barsha Heights, Dubai,
UAE الخاص بشركة:

According to Certification Scheme requirement: Registration of Electric Vehicle Supply Equipment وفقاً لمتطلبات برنامج المطابقة:

Trademark / Brand Name: CITA EV العلامة التجارية / الاسم التجاري:

Abu Dhabi Quality and Conformity Council hereby attests the
above product(s) have been assessed in accordance with the
relevant requirements mentioned above. يشهد مجلس أبوظبي للجودة والمطابقة على أن المنتج (المنتجات) أعلاه
قد تم تقييمه وفقاً للمتطلبات المذكورة في هذه الشهادة

Issued Date: 28 October 2024 تاريخ الإصدار:

Expiry Date: 27 October 2027 تاريخ انتهاء الصلاحية:



مختبر

Bader Al Shemili

QAD-2024.0612.01-EV

Executive Director of Conformity and Standards Services Sector

- The attached Schedule of Certification bearing the same Certificate Number forms an integral part of this Certificate. بيان المطابقة المشمول بالشهادة والذي يحمل نفس رقم الشهادة يشكل جزءاً لا يتجزأ من هذه الشهادة.
- This is an electronic certificate and does not require stamp. تم إصدار هذه الشهادة إلكترونياً ولا تحتاج إلى ختم.
- Visit our website to verify this certificate: <https://jawdah.qcc.abudhabi.ae/en/pages/verify.aspx> للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: <https://jawdah.qcc.abudhabi.ae/en/Pages/verify.aspx>
- Any changes or modification on this certificate will affect its validity. أي كسب أو تغيير في هذه الشهادة يلغيها.

Certificate Number: QAD-2024.0612.01-EV رقم الشهادة:

Issued Date: 28 October 2024 تاريخ الإصدار:

Expiry Date: 27 October 2027 تاريخ انتهاء الصلاحية:

No.	رقم الموديل Model Number	صفات Characteristics	معلومات إضافية Additional information
1	CITA Smart 60 DC	2 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 92A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 60kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
2	CITA Smart 90 DC	3 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 137A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 90kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
3	CITA Smart 120 DC	4 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 183A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 120kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
4	CITA Smart 150 DC	5 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 228A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 150kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
5	CITA Smart 180 DC	6 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input Imax. 274A (CCS2, CHAdeMO, GB/T), 32A (Type-2), Output Imax. 180kW DC (CCS2, CHAdeMO, GB/T), 22kW AC (Type-2), Charging Station: IP 54, IK 10, -20°C ~ +50°C, CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)	
Remarks/ ملاحظات	All CITA EV AC Chargers are having inbuilt 30mA AC type A / 6mA DC RCD and passed the testing as per relevant IEC standards.		

CITA EV SMART 240 - 480 DC

(Datasheets + Certificates)





240kW to 480kW

CITA SMART DC PRO

DATASHEET



www.citaevcharger.co.uk

O V E R V I E W

CITA Smart DC PRO is a fast, efficient, and reliable charger that meets the highest standards for new electric vehicle charging. Its modular design allows you to charge up to four electric vehicles simultaneously 240kW to 480kW output. It comes with dual DC Gun (CCS2 / CHAdeMO / GBT) + Dual AC Type 2 Sockets.

It connects intelligently with Ethernet/4G/Wi-Fi. It can be operated with a commercial mobile application supporting Apple Pay, Google Pay, and other leading Credit Card payment methods. You can also command it with RFID authentication. It also comes with a MID-certified AC meter and a PTB-certified DC meter. CITA Smart DC PRO comes with two years warranty.

Available in 240 KW, 320KW, 360KW, 400KW, 480KW

Optional



42" Commercial Advertising Display with RMS



15-inch interactive touch screen



POS terminal for direct Payments



Retractable charging cables



Charge 4 EVs Simultaneously (2 DC + 2 AC)



Ambient LED lighting



E L E C T R I C A L S P E C I F I C A T I O N S

INPUT

Power Connection	3P+ N+ PE
Voltage Range	400 Vac $\pm$ 10%
Frequency	50Hz or 60Hz
Power factor	>0.99
Overall Efficiency	95%

ELECTRICAL SPECIFICATIONS

Models	Rated Input Current	Input MCCB Rating	No. Of Power modules	Output Current - DC Connector	Output AC Current
240kW DC	367 Amps	500 Amps	6	300 Amps (2 Guns)	32 Amps (2 Sockets)
320kW DC	490 Amps	630 Amps	8	300 Amps (2 Guns)	32 Amps (2 Sockets)
360kW DC	552 Amps	400A x 2	9	300 Amps (2 Guns)	32 Amps (2 Sockets)
400kW DC	616 Amps	400A x 2	10	300 Amps (2 Guns)	32 Amps (2 Sockets)
480kW DC	735 Amps	500A x 2	12	380 Amps (2 Guns)	32 Amps (2 Sockets)

DC NOMINAL OUTPUT

Voltage	50~1000Vdc
Constant power Voltage	300~1000Vdc
Nominal Power	240 KW, 320KW, 360KW, 400KW, 480KW DC - CCS2 or CHAdeMO or GB/T

G E N E R A L S P E C I F I C A T I O N S

HARDWARE CONFIGURATION

Charge Connector	DC 1 x CCS2 and 1 x CHAdeMO (alternatively 2 x CCS2) / Optional: AC Type 2 socket
Cable Length	5M
Enclosure	Galvanized steel
LED Indicator	Green/Yellow/Red
LCD Display	15" color touch screen
RFID Reader	Mifare ISO/IEC 14443 A
Start Mode	Plug&Play/RFID card/Mobile App
Emergency Stop	Yes
Advertising Display	Optional

ENVIRONMENTAL

Operating Temperature	-30°C - 55+°C
Working Humidity	%95~%5 without condensation
Working Altitude	<2000M
Protection Grade	IP54, IK10
Installation	Floor-stand
Cooling Method	Fan cooling
Noise	≤55dB

PACKAGE INFORMATION

Product Dimension	TBD
Package Dimension	TBD
Net Weight	TBD
Gross Weight	TBD

ELECTRICAL PARAMETER

Efficiency	≥95%
Power Factor	≥%100~%50 @ 0.99 loading
THD	≤%100~%50 @ %5 loading
Ripple Factor	≤±0.5%

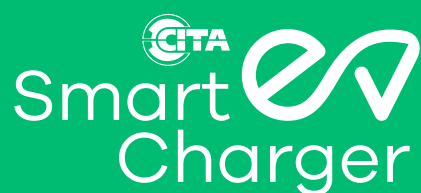
G E N E R A L S P E C I F I C A T I O N S

SECURITY PROTECTION

Energy Meter	PTB certified
RCD	Type A
Ingress Protection	IP54
Impact Protection	IK10
Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection.
Certification	CE
Certification Standard	EN61851, EN62196, DIN70121, ISO15118
Warranty	2 years

COMMUNICATION

Network Gateway	Ethernet/WIFI/4G communication
Communication Protocol	OCPP 1.6 JSON (OCPP 2.0 optional)



Disclaimer: The information in this document is accurate to the best of our knowledge at the time of publication and reflects the product shown. To continually improve performance and user experience, CITA Smart Solutions may update product specifications, features, colours, or design details without prior notice. We recommend confirming the latest specifications at the time of purchase.

For support or further enquiries, please contact supportuk@citaevcharger.co.uk or call +44 800 368 6362.

ATTESTATION OF CONFORMITY

Name and Address of Attestation Holder:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Document Number

CE-1883-06-011124

Date of Issue:

01.11.2024

Name and Address of Manufacturer:

CITA EV Limited
52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom

Expiration Date:

01.11.2029

Brand:**Test Report Number:**

ENS2405280241P00201R
ENS2405280241P00202R

Product Name:

Electric Vehicle Charging Station

Test Required:

EN IEC 61851-1:2019
EN 61851-23:2014
EN 61851-24:2014

Product Model:

CITA Smart 240 DC
CITA Smart 300 DC
CITA Smart 360 DC

The product meets the technical requirement of the above standards as mentioned in the reference test reports and hence fulfils the technical requirements of the following directives

2014/35/EU Low Voltage Directive

This document is only valid for the equipment and configuration described, in conjunction with the test data detailed above reference test reports. Document was issued on voluntary basis and does not imply meeting Notified Body conformity assessment procedure for the product.

The CE Mark, under the responsibility of the manufacturer or the importer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

SIGNATURE

Certificate Number: QAD-2025.0044.01-EV رقم الشهادة:

This certificate is issued for the product: EV Charger – Mode 4 تم منح هذه الشهادة للمنتج:

Manufactured by: Cita Smart Solution تم التصنيع بواسطة:

52 Deerdynes View, Westfield Park, Cumbernauld, G68 9HN,
Glasgow, United Kingdom

Certificate Holder: CITA SMART SOLUTIONS LLC الخاص بشركة:

P O Box: 191946, 30C10, I-Rise Tower, Barsha Heights, Dubai,
UAE

According to Certification Scheme requirement: Electric Vehicle Supply Equipment وفقاً لمتطلبات برنامج المطابقة:

Trademark / Brand Name: CITA EV العلامة التجارية / الاسم التجاري:

Abu Dhabi Quality and Conformity Council hereby attests the
above product(s) have been assessed in accordance with the
relevant requirements mentioned above. يشهد مجلس أبوظبي للجودة والمطابقة على أن المنتج (المنتجات) أعلاه
قد تم تقييمه وفقاً للمتطلبات المذكورة في هذه الشهادة

Issued Date: 03 February 2025 تاريخ الإصدار:

Expiry Date: 02 February 2028 تاريخ انتهاء الصلاحية:




Bader Al Shemili

QAD-2025.0044.01-EV

Executive Director of Conformity and Standards Services Sector

- The attached Schedule of Certification bearing the same Certificate Number forms an integral part of this Certificate. بيان المطابقة المشمول بالشهادة والذي يحمل نفس رقم الشهادة يشكل جزءاً لا يتجزأ من هذه الشهادة.
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- Visit our website to verify this certificate: <https://jawdah.qcc.abudhabi.ae/en/pages/verify.aspx> للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: <https://jawdah.qcc.abudhabi.ae/en/Pages/verify.aspx>
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Certificate Number: QAD-2025.0044.01-EV رقم الشهادة:

Issued Date: 03 February 2025 تاريخ الإصدار:

Expiry Date: 02 February 2028 تاريخ انتهاء الصلاحية:

No.	رقم الموديل Model Number	صفات Characteristics	معلومات إضافية Additional information
1	CITA Smart 240 DC	8 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input I _{max} . 367A 240kW IP55 -20°C ~ +50°C CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), GB/T (20234.3)	
2	CITA Smart 300 DC	10 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input I _{max} . 458A 300kW DC IP55 -20°C ~ +50°C CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), GB/T (20234.3)	
3	CITA Smart 360 DC	12 X Power Module Installed, Input 400Vac, 50/60Hz, 3 phase, Input I _{max} . 550A 360kW DC IP55 -20°C ~ +50°C CCS-2 (IEC 62196-3), CHAdeMO (IEC 62196-1), GB/T (20234.3)	
Remarks/ ملاحظات	All CITA EV AC Chargers are having inbuilt 30mA AC type A / 6mA DC RCD and passed the testing as per relevant IEC standards.		

Smart Charger



Disclaimer: Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for any inaccuracies. As part of our ongoing product development, specifications, colours, and details of our products, including those mentioned in this manual, are subject to change without prior notice.

For further inquiries, please contact us at supportuk@citaevcharger.co.uk or call +44 800 368 6362.