

CITA Dual Smart



Up to 22KW AC Compact EV Charging station
with highest protection and safety



www.citaevcharger.co.uk

CITA Dual Smart

Available in 2x7.4KW, 2X11KW, 2X22KW

CITA Dual Smart charger is a compact and high-performance home & workplace charging solution. Dual Smart comes with maximum power up to 22kW for three-phase installation and comes with Type 2 Socket with Locking. Dual Smart'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. Dual Smart connects with CITA EV App via WiFi and Ethernet connection or 4G sim to provide you with real-time operation, charging insights and scheduling your charging session in advance. Dual Smart comes with three years warranty.



Smart Charging as per UK Regulations



Power Range up to 22kW



Wi-Fi Connectivity



Protection IP65 & IK10



Temper Deduction



RCD 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	230VAC +/-10%
Output Power	Up to 2X22KW Programmable
Output Current	2 X 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	Green, Amber, Red, Blue, White
RFID Card/Tag	Yes
RFID Card/Tag Qty.	5 supplied
6mA DC & 30 mA AC Trip	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	On a wall or on a poll
Solar PV Compatibility	Hardware integration with EMS using Modbus RS485

Package Information

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

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, Using CT Clamp
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 (extendable)

Communication

Communication Protocol
Communication Method
Programmable Charging Time
Programmable Charging Power
Mobile App Availability

OCPP 1.6 - JSON (Upgradeable to OCPP 2.0)
WiFi / Ethernet (Optional 4G)
Program on the APP
Adjusted on Configuration Menu
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



United Kingdom (HQ)

52 Deerdykes View, Westfield Park, Cumbernauld,
Glasgow, G68 9HN, United Kingdom
Phone: 0800 147 (2482)

United Arab Emirates

Office No. 3105 Silver Tower, Marasi Dr,
Business Bay, Dubai, United Arab Emirates
Phone: +971 4 5579828 Fax: +971 4 5579829

Disclaimer: Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. The status of the product(s) described in the data sheet may have changed since the date of publication and therefore that may be outdated without further notifications. For any further inquiries please contact our nearest sales office via e-mail to info@citaevcharger.co.uk or through phone.