

CITA Smart 22 Pro



22kW AC Compact EV Charging Station
with IP65 Ratings



www.citaevcharger.co.uk

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The CITA Smart 22 Pro is a sleek, high-efficiency EV charger designed for both home and workplace use. Delivering up to 22 kW of power for three-phase installations, it comes with a built-in Type 2 charging cable for easy, plug-and-go operation. Its durable, compact enclosure is built to perform reliably in extreme conditions from -30°C to $+55^{\circ}\text{C}$.

Engineered for flexibility and long-term reliability, the Smart 22 Pro connects effortlessly to cloud platforms or mobile apps via Wi-Fi, Ethernet, or 4G. It supports OCPP 1.6 and 2.0, ensuring seamless compatibility with all major CSMS platforms and app providers. Backed by a 3-year manufacturer's warranty, the Smart 22 Pro delivers trusted performance, durability, and peace of mind.



Smart Charging as per UK Regulations



Power Range up to 22kW



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	3 phase + neutral+ PE
Voltage	400V \pm 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 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 (Upgradeable to OCPP 2.0)

Communication Method

Wi-Fi / Ethernet / 4G

Programmable Charging Time

Programmable via Apps

Programmable Charging Power

On hardware and configuration interface

Mobile App Availability

Android and iOS App



United Kingdom (HQ)

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

Phone : +44 800 368 6362

Support (Hotline) : +44 800 368 6362

United Arab Emirates

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

Phone : +971 4 5579828

Support Email : supportuk@citaevcharger.co.uk

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.