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 62196-1), Type-2 (IEC 62196-1), 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 (adjustable)
- CCS2 (IEC 62196-3), CHAdeMO (IEC 62196-1), Type-2 (IEC 62196-1), GB/T (20234.3)
- Connects to OCPP 1.6 backend via 4G/Ethernet/WiFi
- RFID Card Reader or POS Payment Terminal
- 2-year warranty

www.citaevcharger.co.uk

Electrical Specifications

Input Parameters

Input Grid System	3 phase + neutral+ PE
Input Voltage	400VAC±10%
Input Current	44A
Frequency	50/60Hz

Output Parameters

Output Voltage	200~1000VDC
Output Current	80A max
Output Power	Up to 30kW (programmable)

General Specifications

Structure Design

Charge Connector	1 DC CONNECTOR: CCS2 (IEC 62196-3)(OR)CHAdeMO (IEC 62196-1))(OR) GB/T (20234.3) OPTIONAL UPGRADE AC CONNECTOR: Type-2 (IEC 62196-1)
Cable Length	5M
Enclosure	Galvanized steel
LED Indicator	Green/Yellow/Red
LCD Display	4.3" 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	-30°C ~ +50°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000M
Protection Grade	IP54, IK08
Cooling Method	Fan cooling
Noise	≤65dB@22°C

Product Dimension

Dimensions	570mm x 250mm x 759mm (WxDxH)
Net Weight	35.3kg
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	IK08
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

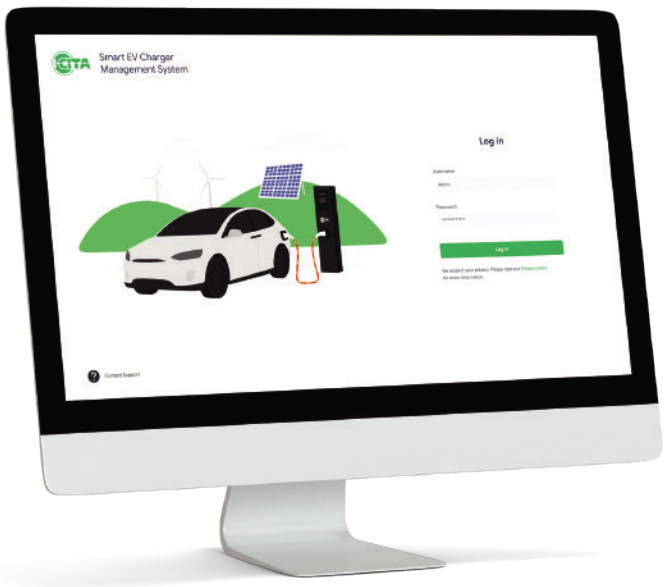
Communication

Network Gateway	WiFi/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



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