

CITA Smart 44 (Gen 3)



Commercial Charging Solution

CITA Smart 44 commercial charger is designed to have outputs, which can charge two electric vehicles simultaneously. Both the control circuit and power circuit are entirely isolated, increased anti-jamming capacity to ensure stable working condition. Compliant with the industrial standards, the charger use MID certified meter to ensure accuracy and built-in RCD to secure safety.

The 44kW AC output, supporting commercial vehicles, public transport and TAXI for super fast charging. The charger can be connected to a charging network with the help of CITA Smart gateway. Multiple public chargers in one location can be integrated into the network with only one internet communication connection. CITA Smart 44 is built for an extreme environment such as -30°C ice and snow season or 55°C hot and direct sunshine. CITA Smart 44 comes with three years warranty.



Efficient Charging



2X22kW Power Range



**Compatible with all
Type 2 Charging Cables**



CITA Smart App Operation



Easy installation and maintenance



RFID Card and Mobile Payments



3-year warranty



Electrical Specifications



AC Nominal Input

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

AC Nominal Output

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

General Specifications

Structure Design

Housing Material	Galvanized steel
Display Panel	Temper glass
Installation Method	Floor-stand
Charging Outlet	Type 2 charging socket
Cable Length	No cable
LED Indicator	Green/Yellow/Red colour notification on CITA logo
LCD Screen	Yes, 7 inch
RFID Function	Yes, Mi-fare Classic 1K
Solenoid Lock	Yes (Optional)
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	IP54, IK10
Application Site	Indoor/Outdoor
Cooling Method	Natural cooling

Package Information

Product Dimension	290mm x 290mm x 1250mm
Package Dimension	480mm X 480mm X 1320mm
Net Weight	32.5KG
Gross Weight	43.5KG
External Packing	Wooden case

Protection

Multiple Protection

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

MTBF

100,000 hours

Safety Standard

IEC 61851-1:2017, IEC 61851-21-1:2018, IEC 62196-2:2016

Warranty

3 years

Communication

Network Gateway

Ethernet/WiFi/4G communication

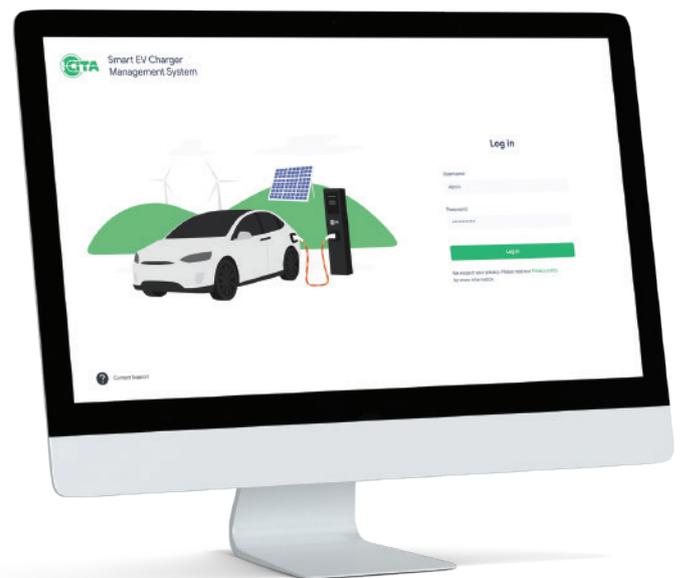
Communication Protocol

OCPP1.6 (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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