



Smart 44 (Gen 3)

2 x 22kW Mode 3 AC Charger, IP65 Ratings



CITA Smart 44 (Gen 3)

CITA Smart 44 Mode 3 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 °55C hot and direct sunshine. CITA Smart 44 comes with three years warranty.

1. Stainless steel



- ✓ POS Terminal Contactless Payment
- ✓ Product Dimension 290mm x 290mm x 1330mm
- ✓ LED Indicators in numbers

2. Galvanized steel



- ✗ POS Terminal Contactless Payment
- ✓ Product Dimension 290mm x 290mm x 1250mm
- ✓ LED Indicators in logo



Efficient Charging



2X22kW Power Range,
Mode 3



Protection IP65 & IK10



Compatible with all
Type 2 Charging Cables



Smart EV 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

60/50Hz

AC Nominal Output

Voltage

400V%10±

Output Power

2x22kW programmable

Output Current

2x32A programmable

General Specifications

Structure Design

Housing Material

Galvanized steel, Stainless steel (Optional Upgrade)

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 Yes

LCD Screen

7 inch Touch Screen

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	%95~%5 without condensation
Working Altitude	<2000M
Protection Grade	IP65, IK10
Application Site	Indoor/Outdoor
Cooling Method	Natural cooling

Package Information

Package Dimension	480mm X 480mm X 1400mm
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 1:2017-61851, IEC 61851-21-1:2018, IEC 2:2016-62196
Warranty	3 years

Communication

Network Gateway	Ethernet/WiFi/4G communication
Communication Protocol	OCPP1.6 (JSON)

Charge Point Management System (CPMS)

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



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Smart Charger

