

CITA Smart 7



7kW AC Compact EV Charging Station with IP65 Ratings

CITA Smart 7 charger is a compact and high-performance home & workplace charging solution. Smart 7 comes with maximum power up to 7kW for single-phase installation and comes with an integrated type 2 socket. Smart 7'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. Smart 7 connects with CITA Connect App via WiFi and Bluetooth to provide you with real-time operation, charging insights and scheduling your charging session in advance. Smart 7 comes with three years warranty.



Efficient Charging



7kW Maximum Power Range



Protection IP65 & IK10



Compatible with all Type 2 Charging Cables



CITA EV App Operation via WiFi/4G/Ethernet



Connects to any CPMS supporting OCPP 1.6



RFID Card



3- year warranty



Electrical Specifications



AC Nominal Input

Phases/Lines	1 phase + neutral+ PE
Voltage	230VAC +/-10%
Frequency	50/60Hz

AC Nominal Output

Phases/Lines	1 phase + neutral + PE
Voltage	230VAC +/-10%
Output Power	7kW programmable
Output Current	32A

General Specifications

Structure Design

Charging Interface	IEC 62196 Type 2 Charging Cable 5 Meters
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Housing Material	High impact plastic
LED Status Indication	Green, Amber, Red
RFID Card/Tag	Yes
RFID Card/Tag Qty.	5 supplied
6mA DC Trip	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	300mm x 300mm x 130mm
Package Dimension	380mm x 380mm x 215mm
Net Weight	2.54Kg
Gross Weight	3.40Kg

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, via cloud software

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

Communication

Communication Protocol

OCPP 1.6 - JSON

Communication Method

WiFi, Optional: 4G/Ethernet

Programmable Charging Time

Yes, preset from APP

Programmable Charging Power

Yes, preset from APP

Mobile App Availability

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



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