

# CITA Smart 7



## 7.4kW 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 7.4 kW for single-phase installation and comes with an integrated type 2 socket. Smart 7's compact housing design is less than 12inch that operates in an extreme environment such as °30-C ice and snow season or °55C 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**



**7.4kW 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	60/50Hz

## AC Nominal Output

Phases/Lines	1 phase + neutral + PE
Voltage	230VAC +/-10%
Output Power	1.4kW - 7.4kW programmable
Output Current	32 - 6A programmable

# General Specifications

## Structure Design

Charging Interface	IEC 62196 Type 2 Charging Cable 5 Meters
Charging Mode	Mode 3 (IEC 1-61851 / 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	%95~%5 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 30/2014/EU, IEC 1-61851, IEC 22-61851, IEC 2-62196

### 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

-3years

## 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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