

# CITA Smart 7



## Home & Office Charging Solution

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 12-inch that operates in an extreme environment such as -30°C ice and snow season or 50°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 automatic power adjustment in Real-time with dynamic load balancing. Smart 7 comes with three years warranty.



**Efficient Charging**



**1.4kW - 7.4kW Power Range**



**Compatible with all  
Type 2 Charging Cables**



**CITA Smart EV App Operation  
via WiFi/4G/Ethernet**



**RFID Access**



**Solar PV Compatibility  
with RS485 integration**



**3-year warranty**



Measuring Instrument Directive  
2014/32/UE - Approved



Office for  
Zero Emission  
Vehicles

Approved EV Charger

# 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	1.4kW - 7.4kW programmable
Output Current	6 - 32A programmable

# General Specifications

## Structure Design

Charging Socket	IEC 62196 Type 2, IP54, Locking
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
MID Approved kWh Meter	Yes
6mA DC Trip	Integrated

## Environmental Index

Operating Temperature	-30~+50°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000m
IP Rating	IP54
Mounting Method	On a wall or on a poll
Solar PV Compatibility	Hardware integration with EMS using 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

CE Marked, EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-22, IEC 62196-2

### Active Load Management

Yes, with external CT clamp (100A max)

### Dynamic Load Balancing

Yes, via cloud software

### Earthing Arrangements

TT, TNS, TNCS (PME)

### Earth Leakage Protection

A dedicated 30mA Type A RCD 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 Connect App

You are powered by a smart application to manage all your CITA Smart 7 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



Disclaimer: Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. The status of the product(s) described in the data sheet may have changed since the date of publication and therefore that may be outdated without further notifications. For any further inquiries please contact our nearest sales office via e-mail to [info@citaevcharger.co.uk](mailto:info@citaevcharger.co.uk) or through phone.

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