

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 7.2 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 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 automatic power adjustment in Real-time with dynamic load balancing. Smart 7 comes with three years warranty.



Efficient Charging



1.4kW - 7.2kW Power Range



**Compatible with all
Type 2 Charging Cables**



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



RFID Access



**Solar PV Compatibility
with CT clamp**



3-year warranty



Measuring Instrument Directive
2014/32/UE - Approved

Electrical Specifications



AC Nominal Input/Output

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

AC Nominal Output

Phases/Lines	1 phase + neutral+ PE
Voltage	230VAC+/-10%
Output Power	1.4kW - 7.2kW 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.	2 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	Optional, with 2nd external CT clamp

Package Information

External Packaging	380mm x 380mm x 215mm
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

OLEV EVHS & WCS (approval pending), 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

Connect to local earth (or) TT earth as per regulations

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



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