

# CITA Smart 11 ECO



11kW AC Compact EV Charging Station  
with IP65 Ratings



[www.citaevcharger.co.uk](http://www.citaevcharger.co.uk)

# CITA Smart 11 Eco

The CITA Smart 11 Eco is a sleek and powerful EV charger designed for both home and workplace use. It delivers up to 11 kW of power for three-phase installations and includes a Type 2 socket with locking. Compact yet robust, it performs reliably in extreme temperatures from  $-30\text{ }^{\circ}\text{C}$  to  $+55\text{ }^{\circ}\text{C}$ .

Built for long-term performance and flexibility, the Smart 11 Eco connects easily to cloud platforms or mobile apps via Wi-Fi, Ethernet, or an optional 4G upgrade. It supports OCPP 1.6 / 2.0, ensuring full compatibility with all major CSMS platforms and mobile apps. Backed by a 3-year manufacturer's warranty, the Smart 11 Eco offers dependable, high-quality charging with peace of mind.



Tamper  
Notification



Power Range  
up to 11kW



WiFi/Ethernet  
4G (Optional)



Protection  
IP65 & IK10



Compact  
Design



RCD  
Protection



RFID  
Access



3 years  
Warranty

## Electrical Specifications

### AC Nominal Input

Phases/Lines	3 phase + neutral+ PE
Voltage	400V $\pm$ 10%
Frequency	50/60Hz

### AC Nominal Output

Phases/Lines	3 phase + neutral + PE
Voltage	400VAC $\pm$ 10%
Output Power	11kW programmable
Output Current	6 - 16A programmable



# General Specifications

## Hardware Configuration

Charging Interface	IEC 62196 Type 2 charging socket with locking
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772- compliant communication protocol)
Housing Material	High impact plastic
LED Status Indication	Blue/ Green/ Amber/ Red
RFID Card/Tag	Yes
RFID Card/Tag Qty.	5 supplied
6mA DC & 30mA AC Trip	Integrated
Tamper Notification	Integrated

## Environmental Index

Operating Temperature	-30°C ~ +55°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000m
Protection	IP65, IK10
Mounting Method	Wall or Pole mount
Solar PV Compatibility	Hardware integration with EMS using Modbus RS-485

## Package Information

Product Dimension	280mmX290mmX130mm
Package Dimension	392mmX362mmX285mm
Net Weight	4.55kg
Gross Weight	5.7kg

## Protection

Multiple Protection	Over/under-voltage protection, overload protection, short-circuit protection, current leakage protection, grounding protection, surge protection, and 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 CT Clamp
Earthing Arrangements	TT, TNS, TNCS (PME)
Earth Leakage Protection	Dedicated 30mA Type A RCD and 40A MCB must be used on the supply circuit.
Warranty	3 Years (extendable)

## Communication

Communication Protocol

OCPP 1.6

Communication Method

Wi-Fi / Ethernet / 4G (optional upgrade)

Programmable Charging Time

Programmable via Apps

Programmable Charging Power

On hardware and configuration interface

Mobile App Availability

Android and iOS App



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Disclaimer: Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for any inaccuracies. As part of our ongoing product development, specifications, colours, and details of our products, including those mentioned in this manual, are subject to change without prior notice.

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