Caro Plus Series

AC7000 / AC011K

EU Standard

CE CB RoHS Reach

EN 18031-1

SYSTÈME DE GESTION DE L'ÉNERGIE (EMS) COMPATIBLE

Caro Plus Series Home Wallbox

Caro Plus is a premium home charging solution tailored for European households. Built on automotive-grade standards, it delivers outstanding durability and performance trusted by leading automakers. With enhanced cybersecurity protection and rigorous third-party penetration testing, Caro Plus ensures safe and reliable charging at all times. It can support the latest OCPP 2.0.1-J protocol and seamless EMS integration. Caro Plus delivers a smart and future-ready home charging experience.

Features

Versatile

- Type 2 Cable / Socket
- Plug to Charge / RFID card / APP
- Wall-mount / Pole-mount installation

PV Compatible

- Zero-emission PV charging
- Seamless integration with PV systems
- Adjustable current for optimised PV usage

Intelligent

- Communications:
  Wi-Fi+Ethernet / Wi-Fi+4G
- App charging scheduling
- Dynamic load balancing with LBC

Safe & Convenient

- Cybersecurity
- 30 mA Type A + 6 mA DC
- IK10 impact protection

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Technical Specifications ▸

Datasheet	Model	AC7000-AE-45C3-ENP	AC011K-AE-55C3-ENP
Electrical Specification	Power Supply	1P+N+PE	3P+N+PE
	Rated Voltage	230 V AC	400 V AC
	Rated Current	32 A	16 A
	Rated Power	7 kW	11 kW
	Frequency	50 Hz	
	Power Measurement Accuracy	2%	
Basic Attributes	Charge Connector	Type 2 Cable	
	Size (H × W × D)	365 × 201 × 99.5 mm	
	Enclosure Material	Plastic	
	Colour	Black (PANTONE Black C)	
	Installation	Wall-mount / Pole-mount (Optional)	
Interactive Interface	LED Indicator	Green / Yellow / Red	
	RFID Reader	Mifare Classic ISO/IEC 14443-A DESFire Duox ISO/IEC 14443-A (Optional) FeliCa JIS X 6319-4 (Optional)	
	Start Mode	Plug to Charge / RFID card / App	
Communication	Wi-Fi & Bluetooth & 4G	Optional	
	Wi-Fi & Ethernet & Bluetooth	Standard	
	OCPP	OCPP 1.6 Json / OCPP 2.0.1 J (Upgradable)	
	Local Communication	RS485 Modbus RTU / Modbus TCP	
Safety	RCD	30 mA Type A + 6 mA DC	
	Impact Protection	IK10	
	Ingress Protection	IP65	
	Electrical Protection	Overcurrent protection Residual current protection Ground protection Surge protection Over / Under voltage protection Over / Under frequency protection Over temperature protection	
	Certification	CE, CB, RoHS, Reach, EN 18031-1	
	Certification Standard	EN IEC 62311:2020 EN 300 328 V2.2.2:2019 EN 300 330 V2.1.1:2017 EN 301 489-1 V2.2.3:2019 EN 301 489-3 V2.1.1:2019 EN 301 489-17 V3.2.4:2020 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2021 EN IEC 61851-21-2:2021 EN IEC 61851-1:2019	
	Warranty	2 years	
Working Environment	Operating Temperature	-30°C to + 50°C	
	Operating Humidity	5%-95%	
	Operating Altitude	≤2000 m	
Package	External Package	Carton without foam	

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