



Caro Pro Series Home Wallbox

Caro Pro Series Home Wallbox embodies simplicity and environmental responsibility. Not only does this wallbox support PV charging, it also incorporates dynamic load balancing to relieve the grid during peak hours. By harnessing solar power for eco-friendly charging, it helps reduce electricity costs and meets your green objectives. Its intelligent load management ensures optimised energy use through seamless PV integration.

EU Standard



Versatile

- Customizable enclosure choice
- Activated by RFID
- Convenient back plate for easy cable access

Intelligent

- Multi communications
- App charging scheduling
- Dynamic load balancing

PV Compatible

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

Safe & Convenient

- 30 mA Type A + 6 mA DC
- Relay-sticking protection
- Ergonomic and user-friendly enclosure design

CE CB RoHS Reach

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Datasheet	Model	AC022K-AE-45C2
Electrical Specification	Power Supply	3P+N+PE
	Rated Voltage	400 V AC
	Rated Current	32 A
	Frequency	50 / 60 Hz
	Rated Power	22 kW
Basic Attributes	Product Standard	EU
	Charge Connector	Type 2 Cable
	Cable Length	7 m
	Enclosure Material	PC
	Colour	Space Gray Front Cover: PANTONE 10452 C Back Cover: PANTONE Coolgray 9C
Interactive Interface	Installation	Wall-mount / Pole-mount (Optional)
	LED Indicator	Green / Yellow / Red
	RFID Reader	MIFARE ISO/IEC 14443A
Communication	Start Mode	Plug to Charge / RFID card / App
	Wi-Fi & Ethernet & Bluetooth & 4G	Standard
Safety	OCPP	OCPP 1.6 Json
	RCD	30 mA Type A + 6 mA DC
	Ingress Protection	IP65
	Impact Protection	IK10
	Electrical Protection	Overcurrent protection, Residual current protection, Surge protection, Over / Under voltage protection, Over / Under frequency protection, Over temperature protection
	Certification	CE / CB / RoHS / Reach
	Certification Standard	IEC 61851-1:2017 EN IEC 61851-1:2019 EN IEC 61851-21-2:2021 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2007+A1 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 V3.2.0:2017 EN 62311:2020 BS 7671:2018+A2:2022
Working Environment	Warranty	2 years
	Operating Temperature	-30°C to +50°C
	Operating Humidity	5%-95%
Package	Operating Altitude	≤2000 m
	Product Dimension	374 x 226 x 164 mm (H x W x D)
	Package Dimension	430 x 330 x 235 mm (L x W x H)
	Net Weight	4 kg
	Gross Weight	7 kg
	External Packing	Carton