

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 & UK 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

- 0 emission PV charging
- Seamless integration with PV systems
- Adjustable current for optimized PV usage

Safe & Convenient

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



EN 303 645 (UK Standard Only)

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Datasheet	Model	AC022K-AB-45C2	AC022K-AE-45C2
Electrical Specification	Power Supply	3P+N+PE	
	Rated Voltage	400V AC	
	Rated Current	32A	
	Frequency	50 / 60 HZ	
	Rated Power	22kW	
Basic Attributes	Product Standard	UK	EU
	Charge Connector	Type 2 Cable	
	Cable Length	7m	
	Enclosure	PC943	
	Installation	Wall-mount / Pole-mount (Optional)	
Interactive Interface	LED Indicator	Green / Yellow / Red	
	RFID Reader	Mifare ISO / IEC14443A	
	Start Mode	Plug to Charge / RFID card / App	
Communication	Wi-Fi & Ethernet & Bluetooth & 4G	Standard	
	OCPP	OCPP 1.6 Json	
Safety	RCD	30mA Type A + 6mA DC	
	Ingress Protection	IP65	
	Impact Protection	IK10	
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over / Under voltage protection, Over / Under frequency protection, Over temperature protection	
	Certification	CE, CB, RoHS, Reach, EN 303645	
	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 V2.2:2019 EN 300 330 V2.1:2017 EN 301 489-1 V2.2:2019 EN 301 489-3 V2.1:2019 EN 301 489-17 V3.2:0:2017 EN 62311:2020 BS 7671:2018+A2:2022	
	Warranty	2 years	
Working Environment	Noise	≤60dB	
	Operation Temperature	-30°C ~+50°C	
	Work Humidity	5%-95%	
	Work Altitude	≤2000m	
Package	Product Dimension	374*226*164mm (H*W*D)	
	Package Dimension	430*330*235 mm (L*W*H)	
	Net Weight	4kg	
	Gross Weight	7kg	
	External Packing	Carton	