



# Caro Smart Home EV Charger

Caro Series Home Wallbox, a 2023 Red Dot Award winner, adds elegance to any charging location, be it at home, in business settings, or semi-public areas. Solar power-compatible for eco-friendly charging, its intelligent load management system reduces grid peak pressures. Experience powerful load balancing with up to 20 chargers on a single circuit. Enjoy the flexibility of 1A grid charging, optimizing energy usage with seamless PV integration.

EU & UK Standard



Space Black

## Versatile

- Type 2 cable/socket
- Wall-mount/Pole-mount installation
- Three enclosure colors
- Activated by NFC

## Intelligent

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

## PV Compatible

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

## Safe & Convenient

- 30mA AC + 6mA DC
- Relay-sticking protection



Type Approved Safety Regular Production Experience  
www.tuv.com ID: 121709143



UK CA EN 303 645 (UK Standard Only)

# Caro Smart Home EV Charger

Datasheet	Model	AC7000-AE-35	AC7000-BE-35
Electrical Specification	Power Supply	IP+N+PE	
	Rated Voltage	230V AC	
	Rated Current	32A	
	Frequency	50/60Hz	
	Rated Power	7kW	
Basic Attributes	Product Standard	EU	
	Charge Connector	Type 2 Cable	Type 2 Socket
	Cable Length	4M Cable (7M Optional)	/
	Enclosure	PC	
Interactive Interface	Installation	Wall-mount/Pole-mount (Optional)	
	LED Indicator	Green/Yellow/Red	
	RFID Reader	Mifare ISO/IEC 14443 A	
Communication	Start Mode	Plug to play/RFID Card/App	
	Wi-Fi & Bluetooth & Ethernet	Standard	
	Wi-Fi & Bluetooth & 4G	Optional	
Safety	Ocpp	Ocpp 1.6 Json	
	RCD	30mA Type A + 6mA DC	
	Ingress Protection	IP65	IP54
	Impact Protection	IK08	
	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	
	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	
Working Environment	Operation Temperature	-30°C ~ +50°C	
	Work Humidity	5%-95%	
	Work Altitude	≤2000m	
Package	Product Dimension	344*192*100mm (H*W*D) Cable 344*192*135mm (H*W*D) Socket	
	Package Dimension	430*330*235mm (L*W*H) Cable 430*245*210mm (L*W*H) Socket	
	Net Weight	3.8kg	1.8kg
	Gross Weight	5.2kg	2.5kg
	External Package	Carton	

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