

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)

Caro Pro Series Home Wallbox

| 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 | |