



SunESS Power Wallbox



Intelligent and Convenient

- Integrate PV, energy storage, and EV charging into a unified system to optimize energy utilization.
- Remote smart monitoring and control via the app or website, supporting scheduled charging for time-saving efficiency.
- Supports load and energy management, controlling charging power based on household consumption and utilizing surplus PV to charge vehicles.
- RFID card swipe activation mode enables flexible and user-friendly experience design.



Safe and Reliable

- Integrated 30mA Type A and 6mA DC fault current detection.
- IP65 protection rating, suitable for indoor and outdoor use.
- Multiple Electrical Function Protection.

Technical Specifications

| Model | SWACW11K400DQ |
|--------------------------------------|---|
| AC Input and Output | |
| Rated Power | 11kW |
| Rated Voltage | 400V AC |
| Rated Current | 16A |
| Frequency | 50/60 Hz |
| Power Supply | 3P+N+PE |
| Charge Connector | Type 2 Cable |
| Cable Length | 7m |
| Interaction and Communication | |
| LED Indicator | Green / Yellow / Red |
| RFID Reader | Mifare Classic ISO/IEC 14443-A |
| Start Mode | Plug to Charge/RFID card/App |
| Communication | RS485 |
| Safety and Certification | |
| Residual Current Device (RCD) | 30mA Type A + 6mA DC |
| Over current protection | Supported |
| Residual current protection | Supported |
| Ground protection | Supported |
| Surge protection | Supported |
| Over / Under voltage protection | Supported |
| Over / Under frequency protection | Supported |
| Over temperature protection | Supported |
| Impact Protection | IK10 |
| Ingress Protection | IP65 |
| Certification | CE, RED,RoHS |
| Certification Standard | EN 18031-1; EN IEC 61851-1; EN IEC 61851-21-2; EN IEC 61000-6-1; EN IEC 61000-6-3; EN IEC 62311 EN 300 328; EN 300 330; EN 301 489-1/3/17 |
| General information | |
| Operation Temperature | -30°C~ + 50°C |
| Work Humidity | 5%~95% |
| Work Altitude | ≤2000m |
| Dimensions (H×W×D) | 365*201*99.5mm |
| Net Weight | 3.2kg |
| Enclosure | PC |
| Installation | Wall-mount / Pole-mount (Optional) |
| Warranty | 3 years |