

AC CHARGER

Smart home charging solution

7.4kW | 11kW | 22kW



CONTEMPORARY DESIGN

- The golden ratio and vertical stripes design highlight the sense of luxury

EASY INSTALLATION

- Small size, easy to install and low transportation cost
- Two installation modes for variety scenarios: wall-mounted and column-mounted

HIGH-EFFICIENCY

- Maximum output: 22kW for an enhanced charging experience

* The product configuration is for reference, and the actual configuration may vary depending on actual sales

SMART HOME CHARGING SOLUTION

AC CHARGER LITE

Safe | Cost-saving | High Reliability

- Support standard OCPP1.6J, can access third-party cloud and APP to achieve remote control of the charger
- Support start and stop by RFID card and plug & charge when disconnected with internet

AC CHARGER STANDARD

Smart | Flexibility | Advanced | Added Data Security

- Multiple communication methods supported : Wi-Fi, 4G, Ethernet, RS485
- Multiple communication protocols supported: OCPP1.6J, ModBus RTU, ModBus TCP/IP
- Multiple start and stop methods: convenient – plug & charge, safe - RFID card swipe or APP start
- Supports dynamic load management and smart charging, supports the coordinated use of photovoltaic power, fully utilizes household energy while saving costs
- Meet the RED network information security regulations (*hardware ready)



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SMART HOME CHARGING SOLUTION

7KW AC CHARGER-LITE

SPECIFICATION

| | |
|-----------------------------------|---|
| AC Voltage | 230V±10% |
| Power Input | |
| Nominal Current | 32A |
| Grid Connection | Single Phase: L1, N, PE |
| Frequency | 50 Hz / 60 Hz |
| Grounding Systems | TN, TT |
| Protection | Overcurrent protection, overvoltage protection, undervoltage protection, short circuit protection, leakage protection, overtemperature protection, relay abnormality protection, phase loss protection, CP fault protection |
| Standby Power | <5W |
| Charging Output | |
| Nominal Power | 7.4 kW |
| Connector Type | AC Type2 |
| Cable Length | 5m |
| RCD Protection | External TypeA 30mA + integrated DC 6mA |
| Certificates | CE/CB/ROSH/REACH |
| User Interface | |
| Display | LED light bar |
| Start Mode | Plug & Charge, RFID, APP |
| Network Interface | |
| Internet/networking possibilities | Wi-Fi |
| Supported Protocols | OCPP1.6J |
| Mechanical Properties | |
| Ingress Protection | IP55 |
| Impact Protection | IK10 |
| Cooling | Natural cooling |
| Dimensions | 220 × 220 × 89 mm |
| Weight | <6kg |
| Environment Conditions | |
| Operating Temperature | -30°C to +50°C |
| Storage Temperature | -40°C to +85°C |
| Humidity | ≤95% RH |
| Altitude | ≤2000m |



SAFE
COST-SAVING
HIGH RELIABILITY

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SMART HOME CHARGING SOLUTION

7KW-22KW AC CHARGER-STANDARD

SPECIFICATION

| | | |
|-----------------------------------|---|--------------------------------|
| AC Voltage | 230V±10% | 400V±10% |
| Power Input | | |
| Nominal Current | 32A | 16A 32A |
| Grid Connection | Single Phase: L1, N, PE | Three Phase: L1, L2, L3, N, PE |
| Frequency | | 50 Hz / 60 Hz |
| Grounding Systems | | TN, TT |
| Protection | Overcurrent protection, overvoltage protection, undervoltage protection, short circuit protection, leakage protection, overtemperature protection, relay abnormality protection, phase loss protection, CP fault protection | |
| Standby Power | | <5W |
| Charging Output | | |
| Nominal Power | 7.4 kW | 11 kW 22kW |
| Connector Type | | AC Type2, Cable & Socket |
| Cable Length | | 5m / 7.5m |
| RCD Protection | External TypeA 30mA + integrated DC 6mA | |
| Certificates | | CE/CB/ROSH/REACH |
| User Interface | | |
| Display | | LED light bar |
| Network Interface | | |
| Internet/networking possibilities | 4G, Wi-Fi, Ethernet/LAN, RS485 | |
| Supported Protocols | OCPP1.6J, ModBus RTU, ModBus TCP/IP | |
| Mechanical Properties | | |
| Ingress Protection | | IP55 |
| Impact Protection | | IK10 |
| Cooling | | Natural cooling |
| Dimensions | 220 × 220 × 89 mm(Cable) 220 × 220 × 145 mm(Socket) | |
| Weight | <6kg (Cable) <3kg (Socket) | |
| Environment Conditions | | |
| Operating Temperature | -30°C to +50°C | |
| Storage Temperature | -40°C to +85°C | |
| Humidity | ≤95% RH | |
| Altitude | ≤2000m | |



SMART
FLEXIBILITY
ADVANCED
ADDED-DATA SECURITY

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