

Smart AC Charger 22kW, Wall-Mounted or Stand Pedestal

 Datasheet

2025



Reliable

Product
Reliability

99%

Cloud Enabled

Monitoring &
Assistance

24/7







Built To Last

Service
Life

10Y

Key Features

- Single tethered connector charging 22kW
- Supports dynamic load balancing and static load management
- Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- Three-phase connection
- App and RFID operated charging
- 3-year warranty with an optional 2-year extension

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|  AC INPUT | Power | L1L2L3N+PE, Three-Phase | |
| | Input/Output AC Voltage | 305 – 457V AC | |
| | Rated Current | 32A AC*3 | |
| | Rated AC Frequency | 50/60± 1Hz | |
| | Rated Output Power | 22kW Three-Phase | |
| | EV Gun Type | Type 2 | |
| | EV Gun (PCS) | 1 | |
|  ENVIRONMENT | EV Charger Cable | 5m Others (optional) | |
| | Operating Temperature | -25°C ~ 50°C | |
| | Altitude | ≤ 6561 ft (2000m) | |
| | Humidity | 5% to 95% no condensation | |
|  COMMUNICATION | Degree of Protection (IP Class) | IP54 | |
| | Network Connectivity | LAN (optional) Wi-Fi (optional) 4G (optional) BLE V5.0 (optional) OCPP V1.6/WSS (Yes if has Network connectivity) Local Load Balance (optional) | |
| | RFID Reader | Active Multi-Standard | |
| | HMI | 5" LCD Screen | |
| | Power Meter | / | |
|  USER INTERFACE | Protection | RCD Type B (with external RCBO Type A) Overvoltage and undervoltage protection Overcurrent protection Upstream protective conductor monitoring (optional) Output PE continuous continuity checking Surge protection: 4kV Output short circuit protection (External RCBO) Contactor welding monitoring Temperature monitoring 2pcs (optional) | |
| | Dimension Wall Mount (W X D X H) | 16.93" x 11.81" x 7.56" (430mm x 300mm x 192mm) | |
| | Weight | 25.35lbs. (11.5kg) | |
| | Mounting | Wall Mounted / Stand Pedestal (optional) | |
| |  SAFETY | Standard | IEC/EN 61851-1:2017; IEC 61851-21-2:2018 IEC 62196-1:2014; IEC 62196-2:2016 IEC 62955-2018; IEC 61439-7-2018 |
| | | Certificate | CE |
| | |  MECHANICAL | REGULATION |
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