

# Smart AC Charger 7kW, 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 7kW
- ✓ Supports dynamic load balancing and static load management
- ✓ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ✓ Single-phase connection
- ✓ App and RFID operated charging
- ✓ 3-year warranty with an optional 2-year extension

|   |                                  |  |
|---|----------------------------------|--|
|  AC INPUT         | Power                            | LN+PE  |
|   | Input/Output AC Voltage          | 176 - 264V AC  |
|   | Rated Current                    | 32A AC*1   |
|   | Rated AC Frequency               | 50/60± 1Hz   |
|   | Rated Output Power               | 7kW Single-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)  | IP55   |
|   | Network Connectivity             | LAN (optional)<br>Wi-Fi (optional)<br>4G (optional)<br>BLE V5.0 (optional)<br>OCPP V1.6/WSS (Yes if has Network connectivity)<br>Local Load Balance (optional)   |
|   | RFID Reader                      | Active Multi-Standard  |
|   | HMI                              | /  |
|   | Power Meter                      | MID, CE, Accuracy Class: ±1.0 (optional)   |
|  USER INTERFACE | Protection                       | RCD Type B (with external RCBO Type A)<br>Overvoltage and undervoltage protection<br>Overcurrent protection<br>Upstream protective conductor monitoring (optional)<br>Output PE continuous continuity checking<br>Surge protection: 4kV<br>Output short circuit protection (External RCBO)<br>Contactor welding monitoring<br>Temperature monitoring 2pcs (optional) |
|   | Dimension Wall Mount (W X D X H) | 16.57" x 11.14" x 7.01" (421mm x 283mm x 178mm)  |
|   | Weight                           | 12.13lbs. (5.5kg)  |
|  SAFETY         | Mounting                         | Wall Mounted / Stand Pedestal (optional)   |
|   | Standard                         | IEC/EN 61851-1:2017; IEC 61851-21-2:2018<br>IEC 62196-1:2014; IEC 62196-2:2016<br>IEC 62955-2018; IEC 61439-7-2018   |
|  MECHANICAL     | REGULATION                       |  |
|   | Certificate                      | CE   |