

Specification of Wallbox EV Charger +Mounting Pole

| Power Specification | | | |
|---|--|--------------------------------|-------------------|
| AC Power Input Rating | SAE standard | IEC standard | |
| | AC Level 2 | 1-phase | 3-phase |
| | 240V | 220V ± 15% | 380V ± 15% |
| AC Power Output Rating | 3.5kW / 16A | 3.5kW / 16A | 11kW / 16A |
| | 7kW / 32A | 7kW / 32A | 22kW / 32A |
| | 10kW / 40A | N/A | N/A |
| Rated Frequency | 50/60Hz | 50/60Hz | 50/60Hz |
| Required Service Panel Breaker (Build-in Branch Breaker) | Dedicated Dual Pole | Dedicated Dual Pole | Dedicated 3-Pole |
| | 20A (16A station) | 20A (16A station) | 20A (16A station) |
| | 40A (32A station) | 40A (32A station) | 40A (32A station) |
| | 50A (40A station) | N/A | N/A |
| Power Wiring | 3Wire -L1, L2 plus GROUND | 3 Wire - Live, Neutral plus PE | |
| Connector Type | SAE J1772 (Type 1) | IEC 62196-2 (Type 2) | |
| Connector Mechanical Operating Life | ≥10000 times | | |
| User Interface & Control | | | |
| Charging Control | Plug and Play or RFID Card | | |
| Display Screen | 4.3-inch LCD Screen | | |
| Voice Prompt (Optional) | Voice guide of the charging process in English | | |
| Indicators | 4 LED indicators-Power/Connect/Charging/Fault | | |
| External Communication | LAN (RJ-45) and Wi-Fi 4G(optional) | | |
| OCPP Protocol (Optional) | 1.6 or 2.0.1 | | |
| Environmental | | | |
| Storage Temperature | -40 to 75°C (-40 to 167°F) ambient | | |
| Operating Temperature | -30 to 55°C (-22 to 131°F) ambient | | |
| Operating Humidity | Up to 95% non-condensing | | |
| Altitude | ≤2000m | | |
| Cooling Method | Natural Cooling | | |
| Protection | | | |
| Protection Ratings | IP 54 | RCD | Type B |
| Over Voltage Protection | Yes | Under Voltage Protection | Yes |
| Over Load Protection | Yes | Short Circuit Protection | Yes |
| Earth Leakage Protection | Yes | Ground Protection | Yes |
| Over-temp Protection | Yes | Surge Protection | Yes |
| Wallbox Mechanical | | | |
| Dimension (H×W×D, mm) | 410×260×164 | | |
| Weight | 1-phase<10kg; 3-phase<12kg | | |
| Charging Cable Length | 5m or Customize Length | | |
| Enclosure Material | Front-Panel: Tempered Glass; Back-cover: Metal Plate | | |
| Mounting Pole Mechanical (Optional) | | | |
| Dimension (H×W×D, mm) | 1400×200×100 | | |
| Weight | <8kg | | |
| Enclosure Material | Metal | | |