# MG-L01 Wall-Mounted Smart EV Charger

## Supported standards

## Features

- **App Control**
  Real-time Status Monitoring & Shared Charging
- **Multiple Safety Protections**
  Eight Layers of Safety Protection
- **Multiple Installation Options**
  Supports Wall-Mount and Pedestal Installation
- **Strong Compatibility**
  Supports Various Charging Interfaces
- **Dynamic Load Balancing Support**
  Expandable Dynamic Load Balancing (DLB)

## Start mode

App-Based Start | OCPP | Card-Based Start | Plug and Charge | Appointment start















| Parameter | European Standard | | | American Standard | | |
|---|---|---|---|---|---|---|
| Model | EAEU07-L01 | EAEU11-L01 | EAEU22-L01 | EAUS40A-L01 | EAUS48A-L01 | EAUS80A-L01 |
| Voltage | 1P+N+PE; 200~240Vac | 3P+N+PE; 380~400Vac | | L1,L2,GEN;208/250Vac | | |
| Power Output / Current | 7kW | 11kW | 22kW | 40A | 48A | 80A |
| Standard Compliance | IEC 61851-1, IEC 61851-21-2; CE | | | SAEJ1772 / NACS (SEA 3400) | | |
| Charging Mode | Mode 3 | | | | | |
| Electrical Protection | Overvoltage Protection, Undervoltage Protection, Overload Protection, Overtemperature Protection, Grounding Protection, Leakage Protection, Lightning Protection Detection.OCP, OTP, Control Pilot Fault Protection | | | | | |
| Power Measurement Accuracy | Embedded meter with a 1% accuracy at the nominal input | | | | | |
| **Mould** | | | | | | |
| User Interface | 4.3inch LCD Display | | | LED Indicator | | |
| NFC Authentication | ISO/IEC 14443A/B/MIFARE | | | | | |
| **Network** | | | | | | |
| Connectivity | LAN and Wi-Fi (Standard),BT (Bluetooth) | | | LAN and Wi-Fi (Standard), BT (Bluetooth), 4G (SIM card) (Optional) | | |
| Data Connection | Back-end Server via 0CPP | | | | | |
| **Environment** | | | | | | |
| Operating Temperature | -30°C to +50°C | | | | | |
| Operating Humidity | Up to RH 95% Non-condensing | | | | | |
| Ingress Protection Rating | IP65 | | | Type 4 | | |
| Altitude | Up to 6500 ft. (2,000m) | | | | | |
| **Physical** | | | | | | |
| Housing Material & Color | Fireproof PC GM928 F03B3 | | | | | |
| Dimension in mm | 193*112*381mm (DWH) | | | | | |
| Net Weight | ≈5.85Kg | | | | | |
| **Optional** | | | | | | |
| Network | Wi-Fi Onboard with Bluetooth; 4G Module | | | | | |
| Communication Protocol | OCPP 1.6 J / OCPP2.0.1 Upgradeable | | | | | |
| Others | Hardwired | | | NEMA14-50 | | |
| Mounting | Pedestal for pole-mounted | | | | | |