



**GREEN ENERGY
READILY AVAILABLE**

KEY FEATURES AND BENEFITS



FITS OVER 99.5% OF POPULAR CAR MODELS

Based on AI algorithm adaptive matching mainstream electric models, worry-free charging.



MULTI-SCENE INTELLIGENT CHARGING

Four charging methods: Plug & Charge (Free), Plug & Charge (PnC), RFID card, and OCPP control.



LEAN OPERATION MANAGEMENT OF VEHICLES, CHARGING STATIONS, AND PLATFORMS

Compatible with 50+ CPO platforms in the world, OCPP 2.0.1/1.6J adaptive, ISO 15118 enabling fine pile management, Cyber Security security.



SMART DYNAMIC LOAD BALANCING

Intelligent adjustment of power output according to power grid load fluctuations, all-round protection of vehicles.



REMOTE OTA UPGRADE

Device firmware, software, and UI can be upgraded remotely via OTA.



POWERFUL WEB CONFIGURATION AND DIAGNOSTIC FEATURES

Complete device configuration via WEB, including remote log diagnostics, local card management, etc.



SPECIFICATIONS



EVM003

POWER

| | | |
|------------------------|--|--------------|
| Input Rating | 208-240Vac | |
| Output Current&Power | 11.5kW (48A) | 19.2kW (80A) |
| Power Wiring | L1 / L2 / GND | |
| Input Cord | Hardwire (Cable not included) | |
| Mains frequency | 50 / 60Hz | |
| Connector Type | SAE J1772 Type 1, 18ft / SAE J3400 NACS, 18ft (Optional) | |
| Ground Fault Detection | CCID 20 | |
| Protection | UVP, OVP, RCD (CCID 20) , SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protection | |
| Meter Accuracy | ±1% | |

USER INTERFACE

| | |
|-------------------------|--|
| Status Indication | LED indication |
| User Interface | Compatible with multiple CPOs |
| Connectivity | Bluetooth 5.2, Wi-Fi (2.4G / 5G), Ethernet, 4G (Optional) |
| Communication Protocols | OCPP 2.0.1 / OCPP 1.6J self-adaptation, ISO 15118-2/3 |
| Pile Group Management | Dynamic Load Balancing |
| User Authentication | Plug & Charge (Free)、 Plug & Charge (PnC)、 RFID Card、 OCPP |
| Card Reader | RFID, ISO14443A、 ISO14443B, 13.56MHz |
| Software Update | OTA |

CERTIFICATION & STANDARDS

| | |
|---------------------|---|
| Safety & Compliance | UL991, UL1998, UL2231, UL2594, ISO15118 (P&C) |
| Certification | ETL / FCC / Energy Star |
| Warranty | 36 months |

GENERAL

| | |
|-----------------------|---|
| Enclosure Rating | NEMA 4 (IP65) , IK08 |
| Operating Altitude | < 6561ft (2000m) |
| Operating Temperature | -40°F ~ +122°F (-40°C ~ +50°C) |
| Storage Temperature | -40°F ~ +185°F (-40°C ~ +85°C) |
| Operating Humidity | 5 ~ 95% |
| Mounting | Wall mount / Pedestal (Optional) |
| Color | Black (Customizable) |
| Product Dimensions | 14.2" × 9.8" × 3.9" (360×249×99mm) |
| Package Dimensions | 21.06" × 15.55" × 9.84" (535×395×250mm) |
| Weight | 13.23lbs (6.0kg) (Item Weight) |

CERTIFICATION



