



**EASILY UNLOCK HOME
EXCLUSIVE CHARGING**

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

Plug and charge/RFID card/APP control three charging methods, independent authorization, not afraid of being stolen.



SMART CHARGING RESERVATION

APP Remote Control for Scheduled Charging, Save More with Smart Charging During Off-Peak Hours.



NINE-FOLD SAFETY PROTECTION

The world's leading RCD/Ground fault/SPD protection technology, safer charging.



NEMA PLUG FOR EASY INSTALLATION

Standard NEMA plug, support wall mount/pedestal installation, easy installation.



INTELLIGENT IOT DEVICE MONITORING

Devices connect with WIFI & Bluetooth, real-time device monitoring via app, remote OTA updates.



NEMA4 (IP65) ULTRA HIGH PROTECTION LEVEL

Resistant to dust, rain, and salt mist, enduring extreme and harsh environments.



SPECIFICATIONS



EVL002

| POWER | | |
|---------------------------|---|---------------------------------|
| Input Rating | 208~240V AC | |
| Output Current&Power | 9.6kW (40A) | 11.5 kW (48A) |
| Power Wiring | L1 / L2 / GND | |
| Input Cord | NEMA14-50 Plug | Hardwire (cable not included) |
| Mains frequency | 50 / 60 Hz | |
| Connector Type | SAE J1772 Type1 18ft | |
| Ground Fault Detection | CCID 20 | |
| Protection | UVP, OVP, RCD (CCID 20), SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protection | |
| USER INTERFACE | | |
| Status Indication | LED indication | |
| User Interface | LCharge APP | |
| Connectivity | Bluetooth, Wi-Fi (2.4G), Ethernet | |
| User Authentication | Plug&Charge、RFID Card、APP | |
| Card Reader | RFID, ISO14443A、ISO14443B, 13.56MHz | |
| Software Update | OTA | |
| CERTIFICATION & STANDARDS | | |
| Safety & Compliance | UL991, UL1998, UL2231, UL2594 | |
| Certification | ETL / FCC / Energy Star | |
| Warranty | 36 months | |
| GENERAL | | |
| Enclosure Rating | NEMA 4 (IP65), IK08 | |
| Operating Altitude | < 6561ft (2000m) | |
| Operating Temperature | -22°F ~ +122°F (-30°C ~ +50°C) | |
| Storage Temperature | -40°F ~ +185°F (-40°C ~ +85°C) | |
| Operating Humidity | 5~95% | |
| Mounting | Wall mount / Pedestal (optional) | |
| Color | White、Black (Customizable) | |
| Product Dimensions | 11.7"×8.2"×3.96" (297.2×208.3×100.58mm) | |
| Package Dimensions | 18.11"×15.35"×10.24" (460×390×260mm) | |
| Weight | 13.01lbs (5.9kg) (Item Weight) | 10.91lbs (4.95kg) (Item Weight) |

CERTIFICATION



 **35000m²**
Factory Size

 **200+**
Total Employees

 **120+**
Certifications & Patents

 **3**
R & D Centers

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SUSTAINABLE
ENERGY