

POWERED BY INTELLIGENCE, WORRY-FREE 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

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.



HIGH-PRECISION CTEP MEASUREMENT

4.3" touch screen, measurement accuracy $\pm 1\%$.



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



EVM002

POWER

Input Rating	208~240V AC	
Output Current&Power	11.5 kW (48A)	19.2 kW (80A)
Power Wiring	L1 / L2 / GND	
Input Cord	Hardwire (cable not included)	
Mains frequency	50 / 60 Hz	
Connector Type	SAE J1772 Type1 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
Screen	4.3' touch screen (UI upgradable)
Language	English / Spanish / French
User Interface	Compatible with multiple CPOs
Connectivity	Bluetooth5.2, Wi-Fi 6 (2.4G / 5G), Ethernet, 4G (Optional)
Communication Protocols	OCPP2.0.1 / OCPP 1.6J self-adaptation、ISO15118-2/3
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

Button	Emergency Button
Enclosure Rating	NEMA 4 (IP65), IK08
Operating Altitude	< 6561ft (2000m)
Operating Temperature	-40°F ~ +131°F (-40°C ~ +55°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	15.83"×9.61"×4.64" (402×244×118mm)
Package Dimensions	21.06"×16.14"×11.42" (535×410×290mm)
Weight	13.78lbs (6.25kg) (Item Weight) 17.52lbs (7.95kg) (Package Weight)

CERTIFICATION



 **35000m²**
Factory Size

 **200+**
Total Employees


 **120+**
Certifications & Patents

 **3**
R & D Centers

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SUSTAINABLE
ENERGY