



**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, APP, RFID card, and OCPP control.



### LEAN OPERATION MANAGEMENT OF VEHICLES, CHARGING STATIONS, AND PLATFORMS

Compatible with 50+ CPO platforms in the world, OCPP1.6J adaptive, 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, 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

## EVM007S



### POWER

Input Rating	230V±10% (Single-Phase)	400V±10% (Three-Phase)
Output Current&Power	7KW (32A)	11KW (16A) / 22KW (32A)
Power Wiring	L / N / PE	L1 / L2 / L3 / N / PE
Input Cord	Hardwire (cable not included)	
Mains frequency	50 / 60 Hz	
Connector Point	IEC 62196-2 Compliant, Type 2 Socket (Compatible T2S)	
Ground Fault Detection	TypeA + DC6mA	
Protection	UVP, OVP, RCD, SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protection	
Meter Accuracy	Built-in MID meter (±1%)	

### USER INTERFACE

Status Indication	LED indication
Screen	7" LCD screen (UI upgradable)
Language	English / Spanish / French
User Interface	Compatible with multiple CPOs
Connectivity	Bluetooth, Wi-Fi 6 (2.4G / 5G), Ethernet, 4G (Optional)
Communication Protocols	OCPP 1.6J, OCPP 2.0.1, ISO 15118-2/3
Function Available	Dynamic Load Balancing
User Authentication	Plug & Charge, RFID Card, APP, OCPP, Credit card (optional)
Card Reader	ISO 14443 A/B
Software Update	OTA

### CERTIFICATION & STANDARDS

Safety & Compliance	EN 62196-2:2017-06, EN IEC 61851-1:2019-10, EN IEC 61851-21-2:2021-09, EN 62196-1:2015-05, EN 61008-1 and IEC 62955
Certification	CE
Warranty	36 months

### GENERAL

Button	Emergency Button
Enclosure Rating	IP55, IK08 (LCD Screen), IK10 (Body)
Operating Altitude	< 2000m
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-40°C ~ +85°C
Operating Humidity	5~95%
Color	Black / White
Product Dimensions	1434mm*350mm*200mm

CERTIFICATION



 **35000m<sup>2</sup>**  
Factory Size

 **200+**  
Total Employees

 **120+**  
Certifications & Patents


 **OCPP2.0.1**  
**ISO15118**

**Joint**  
@ Sustainable Energy

# SUSTAINABLE ENERGY

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