CHARGER
Electric Vehicle Charger

MasterPower
Unlimited power

AC EV Charger
7.2/11/22kW
A P P   M O D E

Wall-mount

Pole-mount
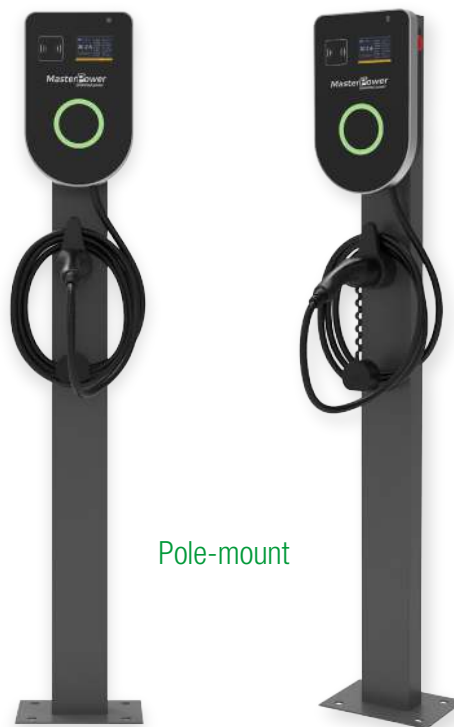
European standard / AC EV Charger

Overview

Innovativeness
Small size and streamline design, home use with intelligent App control.

Intelligent Control
Wireless communication (WiFi/Bluetooth), OCPP1.6 communication protocol with the backend, Smart charge or scheduled charge by App.

Flexible Option
Type 1 or Type 2 charging cable, Bluetooth App operation or plug and play, Wallmounted or floor-stand installation.

Secure and Safe
6mA DC residual current protection, Anti-welding protection.

Introduction

Single-phase or three-phase AC wallbox is a new generation of intelligent products launched by Master Power. Its appearance of this product adopts a streamlined and simple design, which is more refined and glitzy. Through the App, the car owner can choose the Bluetooth smart lock, timing charging function, or modify it to plug and play mode. At the same time, it can monitor charging information, set pile parameters, bind equipment and authorization, and upgrade remote software.

Product Features: Small size and streamline design, home use with intelligent App control. Wireless communication (Bluetooth), smart charge or scheduled charge by App.

Electrical Protection: Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection.

High Compatibility	*Compatible with all electric vehicle models.*
Perfect Protection	*360° protection for you and your electric vehicle.*
Smart and Convenient	*Plug and charge, intelligent control, automatic stop when full.*
Support Customization	*EV charger OEM, ODM and Agent.*

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MASTER BATTERY

zeroCO$_2$

Specifications

MODEL	MF - EV 7.2kW - P1	MF - EV 11kW - P2	MF - EV 22kW - P3
INPUT			
Number of Phase / Wire	1 Phase + neutral + PE	3 Phase + neutral + PE	
Rated Voltage	230VAC	380VAC	
Rated Current	32A	16A	32A
Frequency	50 / 60Hz		
OUTPUT			
Output Voltage	230VAC	380VAC	
Maximum Current	32A	16A	32A
Rated Power	7.2kW	11kW	22kW
USER INTERFACE			
Charge Connector	Type 2 Plug		
Cable Length	5m		
Enclosure	Plastic PC940		
LED Indicator	Green / Yellow / Red for different status		
RFID Reader	Mifare ISO / IEC 14443 A		
Start Mode	LED / LCD / RFID / Bluetooth / Emergency stop button / APP		
Emergency Stop	Yes		
COMMUNICATION			
Wi-Fi	Optional		
Bluetooth	Yes		
OCPP1.6	No		
SAFETY			
Energy Meter	No		
RCD	30Ma RCD Type A and DC 6Ma RCD function		
Ingress Protection	IP65		
Impact Protection	IK08		
Certification	CE		
Certification Standard	CE / IEC 61851-1, IEC 61851-22, SAE J1772		
Warranty	2 years		
ENVIRONMENT			
Installation	Wall-mount / Pole-mount		
Work Temperature	-20°C ~ 50°C		
Work Humidity	5% - 95%		
Work Altitude	< 2000m (6000 feet)		
PACKAGE			
Product Dimension	320*230*100mm (H*W*D)		
Package Dimension	462*302*248mm (L*W*H)		
Net Weight	5.10kg		
Gross Weight	6.10kg		
External Package	Carton		

Product specifications are subject to change without further notice.