

FOR BUILT ENVIRONMENT PROJECTS

The MaxiCharger Single/Dual Wall Enclosure is a wall-mounted, smart, universal Type 2 socket EV charger that is available in single and dual-socket options. It is OCPP 1.6j compliant, has built-in PME fault detection on single and three-phase connection, and both static load management and dynamic load balancing capabilities.

Allowing EV drivers to charge with 7.4 kW charging speed, the MaxiCharger is an ideal charging solution for domestic and commercial requirements. The wall enclosure is finished in a powder-coated steel providing a robust wall-mounted solution for properties.



Product Code	Product Name and Description
EVMX74	MaxiCharger Smart Online AC Wallbox 7.4 kW - Socket (Black)
EVMX744G	MaxiCharger Smart 4G AC Wallbox 7.4 kW - Socket (Black)
EVMWMESP	MaxiCharger Single Wall Enclosure
EVMWMEDP	MaxiCharger Dual Wall Enclosure

Please note that if opting for the MaxiCharger Dual Wall Enclosure, x2 MaxiChargers are required.

Technical Specification	
Charging type	Mode 3, Type 2
Charging power	7.4 kW on single-phase
Rated current	32 A/16 A
Rated frequency	50 Hz
Input/output voltage	230 V+/-10%: L1, N, PE
Network type	TT, TN
RCD	Integrated 6mA DC + 30mA AC leakage detection
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC residual current protection, integrated surge protection
PME fault detection	Incorporated within the unit
Cable entry	Bottom or rear



User Interface

Status indication	LED/APP
User interface	MaxiCharger APP, MaxiCharger Service Software, web portal
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G
Communication protocols	OCPP 1.6J
User authentication	APP, RFID card, QR code

General Characteristics

IP and IK rating	IP54, IK08
Operating altitude	2000 m
Operating temperature range	-40°C ~ + 55°C
Storage temperature range	-40°C ~ + 85°C
Mounting	Wall-mounted
Weight	3600 g
Dimensions (WxHxD)	187 mm x 336 mm x 85 mm

Software Update

Software update	APP or web portal
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Certification and Standards

Safety standards	EN/IEC 61851-1, EN/IEC 62196-2, EN/IEC 62955, BS7671
Certification	CE, UKCA (TUV)
Warranty	36 months