FOR BUILT ENVIRONMENT PROJECTS

The MaxiCharger with LCD Screen three-phase EV charging point offers 11/22 kW fast charging via its universal Type 2 socket with the ability of being downrated to 7kW. This smart EV charging point is complete with a 5-inch LCD touchscreen, enabling drivers to understand real-time EV charging behaviour and data, as well as providing businesses with the opportunity to utilise the screen for advertising purposes.

With built-in PME fault detection, static load management capabilities, as well as smart functionalities, the MaxiCharger with LCD screen EV charging point provides a feature-rich solution for commercial requirements.

Product Code	Product Name and Description
EVMX22LCD4G	MaxiCharger 3 Phase 4G AC Wallbox with LCD Screen 7kW*/11kW/22kW Socket

*This product can be downrated to 7.4 kW

Technical Specification	
Charging type	Mode 3, Type 2
Charging power	Single-Phase: 7kW Three-Phase: 11kW/22kW
Rated current	32 A/16 A
Rated frequency	50 Hz
Input/output voltage	Single-Phase: 230 V+-10%: L1, N, PE Three-Phase: 400 V+-15%: L1, L2, L3, 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
MID Meter	Internally built-in

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

User Interface

Status indication	LED/APP
User interface	MaxiCharger APP, MaxiCharger Service Software, web portal
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G (SIM not included)
Communication protocols	OCPP 1.6J
User authentification	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
Weight	3920 g
Dimensions (WxHxD)	Unit: 187 mm x 336 mm × 85 mm

Software Update

Software update	APP or web portal