SEVADIS
POWERING ELECTRIC VEHICLES

The MaxiCharger is a wall or pedestal mounted, single-outlet universal Type 2 socket EV charger. It is available in both online and offline models. It is OCPP 1.6J compliant, has dynamic load balancing built-in, and has PME fault detection incorporated.

It is available in three attractive finishes: silver, black or white. The MaxiCharger is robust, aesthetically pleasing, and suitable for all environments. It charges up to 7.4 kW on a single-phase connection and 11 kW/22 kW on a three-phase connection.

Technical Specification

Charging type	Mode 3, Type 2
Charging power	7.4 kW/11 kW/22 kW
Rated current	32 A/16 A
Rated frequency	50 Hz
Input/output voltage	400 V+-15%: L1, L2, L3, N, PE 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

User Interface

Status indication	LED/APP
User interface	MaxiCharger APP, MaxiCharger Service Software, web portal
Connectivity	4G, Bluetooth, Wi-Fi, Ethernet
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
Mounting	Wall or floor using a pedestal
Weight	Three-phase socket: 3920 g Single-phase socket: 3600 g
Dimensions (WxHxD)	Unit: 187 mm x 336 mm × 85 mm

Software Update

Software update	APP or web portal

Certification and Standards

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