

The MaxiCharger Pillar is a floor-standing, 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 11 kW or 22 kW charging speeds, the MaxiCharger is an ideal charging solution for commercial charging requirements. The pillar housing is finished in a powder-coated steel with bespoke branding options available.



Product Code

Product Name and Description

| | |
|--------------|--|
| EVAUTCSSEV | MaxiCharger 3 Phase Smart Online AC Wallbox 11 kW / 22 kW Socket |
| EVAUTCS4GSEV | MaxiCharger 3 Phase Smart 4G AC Wallbox 11 kW / 22 kW Socket |
| DCSUV2 | MaxiCharger Single Pedestal Housing |
| DDCSUV2 | MaxiCharger Dual Pedestal Housing |

Please note that if opting for a dual MaxiCharger Pillar, x2 MaxiChargers are required. The same principle applies to 3-way and 4-way options.

Technical Specification

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| Charging type | Mode 3, Type 2 |
| Charging power | 11 kW/22 kW on three-phase |
| Rated current | 32 A/16 A |
| Rated frequency | 50 Hz |
| Input/output voltage | 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 |



User Interface

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|-------------------------|---|
| 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 authentication | APP, RFID card, QR code |

General Characteristics

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|-----------------------------|--|
| 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 x 85 mm Pillar: 362 mm x 1197 mm x 270 mm |

Software Update

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| Software update | APP or web portal |
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Certification and Standards

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| Safety standards | EN/IEC 61851-1, EN/IEC 62196-2, EN/IEC 62955, BS7671 |
| Certification | CE, UKCA (TUV) Compliant to the Electric Vehicles (Smart Charge Points) Regulations 2021, inc. Schedule 1 |
| Warranty | 36 months |