

# EO Mini

The world's smallest fast electric vehicle charger. Designed to charge all plug-in vehicle brands.



### Installation & Warranty

- + Simple electrical installation.
- + Integral 6mA DC leakage detection, no Type B RCD required.
- + Adjustable maximum charging current for lower rated supplies.
- + 3-year product warranty with options to extend.

### Features

- + One of the smallest on the market at 175mm x 125mm x 95mm.
- + Three connector options: Universal socket / Type 1 Tethered / Type 2 Tethered
- + Power Ratings: up to 7.2kW options available.
- + Available in four colours: Black, White, Silver & EO Blue.

<b>MODEL ORDER CODE</b>	EM002
Description	EO Mini 32A 1-Phase Charger

<b>ELECTRICAL DATA</b>	
Rated Power	Up to 7.2kW
Charging Current	6A to 32A (variable)
Rated Current	Up to 32A max
Nominal Supply	230VAC 50Hz
Supply Connections	L1, N, PE 2.5 - 10mm <sup>2</sup>
Over Current Protection	40A Supply
Earth Leakage Protection	A dedicated 30mA Type A RCD must be used on the supply circuit Integral 6mA DC leakage detection - no Type B RCD required
Standby Power Consumption	~3W
Status Indication	3 colour LED indicator (green, blue, red)
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Socket	IEC 62196 Type 2, IP54 hinged lid, non-locking
Supply Cable Entry	Ø20mm or Ø25mm hole drilled at site through bottom of enclosure

<b>MECHANICAL DATA</b>	
Dimensions (H x W x D)	175mm x 125mm x 95 mm - Socket 175mm x 125mm x 150 mm - Tethered
Unit Weight	<1.5 kg
Mounting Location	Wall Mounted, Indoor or Outdoor (permanent mounting)
Ambient Temperature	-10°C to +50°C
Internal Electronics Temperature	-25°C to +85°C
Operating Humidity	5 to 95%
Enclosure	ABS (UL94 HB Fire Rated), IK08
Protection	IP54
Standard Finish	Glasurit 68 Line Paint

<b>COMPLIANCE</b>
CE Marked, EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-22, IEC 62196-2

<b>OPTIONS</b>
Alternative colours, logos and branding available upon request (minimum order quantities apply). Tethered Type 1 plug connector, 5m cable: add "-T1" to order code, 1-phase only. Tethered Type 2 plug connector, 5m cable: add "-T2" to order code, 1-phase only.

Designed to permit installations compliant with IET Wiring Regulations BS 7671:2018 and the Electricity Safety, Quality, and Continuity Regulations 2002 and BS 8300:2009+A1:2010. In no event will EO Charging accept any liability for any loss, costs or damage consequential on the use and/or misuse of our hardware or software products except and only to the extent that this is caused by our negligence.