

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.

MODEL ORDER CODE	EM002
Description	EO Mini 32A 1-Phase Charger

ELECTRICAL DATA	
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 ²
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

MECHANICAL DATA	
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

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

OPTIONS
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.