

EO Mini

The smallest and simplest fast charging station on the market; designed to charge all available EV's.



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

Flexibility

- 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 option available
- Design your own, pick a colour and add your logo



Pick a Colour and Add
Your Logo



EO Mini Charging Station

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 95mm – Socket 175mm x 125mm x 150mm - Tethered
Unit Weight	<1.5kg
Mounting Location	Wall Mounted, Indoor or Outdoor (permanent mounting).
Ambient Temperature	-10°C to +50°C
Operating Humidity	5 to 95%
Enclosure	ABS (UL94 HB Fire Rated), IK08
Protection	IP54
Standard Finish	Glasure 68 Line Paint, Silver (RAL 9006)
COMPLIANCE	
OLEV EVHS Approved 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.

Warranty terms can be found at www.eocharging.com/s/EO-Warranty.pdf

©2019 EO Charging. All rights reserved. Designed and Manufactured in the United Kingdom.

Issue May-2019

