

# EO Basic

Our simple, plug & charge solution perfect for the everyday electric vehicle driver.



#### Installation & Warranty

- + Unique wall plate connector for quick deployment and future upgrade.
- + 3-year product warranty with options to extend.

#### Features

- + Three connector options: Universal socket / Type 1 Tethered / Type 2 Tethered.
- + Power Ratings: Single Phase up to 7.2kW / Three phase up to 22kW.
- + Wall or post mounted with EO Post.
- + Available in two colours: Black & White.

MODEL ORDER CODE	EG009	EG010	EG003	EG004
Description	EO Basic 16A 1-Phase Charger Standard Socket	EO Basic 32A 1-Phase Charger Standard Socket	EO Basic 16A 3-Phase Charger Standard Socket	EO Basic 32A 3-Phase Charger Standard Socket

ELECTRICAL DATA				
Rated Power	3.6kW	7.2kW	11kW	22kW
Charging Current	Up to 16A	Up to 32A	Up to 16A	Up to 32A
Rated Current	Up to 16A max	Up to 32A max	Up to 16A max	Up to 32A max
Nominal Supply	230VAC 50Hz	230VAC 50Hz	400VAC 50Hz	400VAC 50Hz
Supply Connections	L1, N, PE 2.5 - 10mm <sup>2</sup>	L1, N, PE 2.5 - 10mm <sup>2</sup>	L1, L2, L3, N, PE 2.5 - 10mm <sup>2</sup>	L1, L2, L3, N, PE 2.5 - 10mm <sup>2</sup>
Over Current Protection	20A Supply	40A Supply	20A Supply	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)	360mm x 165mm x 155mm
Unit Weight	<3 kg / <5 kg
Mounting Location	Wall or Post mounted using wall plate, Indoor or Outdoor (permanent mounting)
Ambient Temperature	-25°C to +50°C
Internal Electronics Temperature	-25°C to +85°C
Operating Humidity	5 to 95%
Enclosure	PC / ABS UV stabilised (UL94 HB Fire Rated)
Protection	IP66 / IP54
Standard Finish	Natural White (RAL9016), Black available as an option (RAL9005)

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

OPTIONS
<p>Tethered Type 1 plug connector, 5m cable: add "-T1" to order code  Tethered Type 2 plug connector, 5m cable: add "-T2" to order code  Key lock option available upon request (can be fitted to standard socket units only, to prevent charging a car when switched to off position).  For post mounting refer to EO Post datasheet.  Mennekes branded, locking pin socket available upon request.</p>

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.