

EO Mini 22kW



A fast AC charging station designed for homes, workplaces and destinations. Just plug in and instantly start a charge.

Installation & Warranty

- + Simple electrical installation, using lever-arch terminals.
- + Integral 6mA DC leakage detection, no Type B RCD required.
- + Adjustable maximum charging current for lower rated supplies.
- + TN & IT Grid Connections.
- + Wall Mounted.

Specifications

- + Locking T2 socket or Tethered (T2).
- + Power Ratings: Three phase up to 22kW.
- + Compact size: 240mm x 160mm x 121mm.
- + Load Control through EO ALM (3 phase or 1 phase).
- + Available in 2 colors: Black & White

MODEL ORDER CODE	TBC
Description	EO Mini 22kW 32A charging station

ELECTRICAL DATA	
Rated Power	22kW
Charging Current	0 to 32A
Rated Current	32A max.
Nominal Supply	400VAC 50Hz
Supply Connections	TN - L1, L2, L3, N, PE .75mm ² - 16mm ² IT - L1, L2, L3, PE
Over Current Protection	40A Supply
Earth Leakage Protection	A dedicated 30mA Type A RCD must be used on the supply circuit. Integral 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 Locking, IP54 hinged lid
Supply Cable Entry	Ø20mm or Ø25mm hole drilled at site into wall plate connector.

MECHANICAL DATA	
Dimensions (H x W x D), not including cable	240mm x 160mm x 121mm
Unit Weight	<3kg / <5kg
Mounting Location	Wall mounted, Indoor or Outdoor (permanent mounting).
Ambient Temperature	-25°C to +50°C
Operating Humidity	5 to 95%
Enclosure	PC / ABS UV stabilised (UL746C Fire Rated)
Protection	IK08 / IP67 / IP54
Standard Finish	Black and white (RAL 9005)

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

OPTIONS	
Tethered Type 2 plug connector, 5m cable	add "-T2" to order code

Designed to permit installations compliant with IET Wiring Regulations BS 7671:2008+A3 2015 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.