EO Mini Pro 2

The world's smallest smart electric vehicle charger. Designed for the space (and energy) conscious EV driver.

Installation & Warranty

+ Simple electrical installation.
+ Integral 6mA DC leakage detection, no Type B RCD required.
+ Adjustable maximum charging current for lower rated supplies.
+ Integrated Load Management (Optional extra).
+ Solar matching functionality (Optional extra).
+ 3-year product warranty with options to extend.
+ Controlled by EO Smart Home app on iPhone or Android (see back page for more details).

Features

+ The world's smallest smart charger: 175mm x 125mm x 125mm.
+ Universal socket or Tethered.
+ Power Ratings: Single Phase up to 7.2kW.
+ Available in four colours: Black, White, Silver & EO Blue.

MODEL ORDER CODE	EM201-PRO-DCL, EM201-PRO-T1-DCL & EM201-PRO-T2-DCL
Description	EO Mini Pro 2 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 - 10mm²
Over Current Protection	40A Supply (external MCB)
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	<5W
Status Indication	3 colour LED indicator (green, blue, red)
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Socket/Tethered	IEC 62196 Type 2, IP54 hinged lid, non-locking Type 1 or Type 2 tethered
Supply Cable Entry	Ø20mm or Ø25mm hole drilled at site through bottom of enclosure
Internet Connection	Home Wifi (2.4GHZ only) or a CAT5 Ethernet cable to Home LAN (Ethernet-USB Adaptor required)
CT Connections	One for output of electricity meter for Load Management One for output of solar array for solar charging

MECHANICAL DATA	
Dimensions (H x W x D)	175mm x 125mm x 125mm
Unit Weight	1.3 kg
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	Glasuirt 68 Line Paint

COMPLIANCE

OLEV EVHS Approved
CE Marked, EMC Directive 2014/30/EU, IEC 61851-1, IEC 62196-2, EN55032, 61000-3, 61000-4

OPTIONS

Alternative colours, logos and branding available upon request (minimum order quantities apply)

Designed to permit installations compliant with IET Wiring Regulations BS 7671:2018+A1:2020 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/resource-centre-products/eo-mini-pro-2

EO Smart Home App

Start, stop and schedule your charging session all from the palm of your hand. Download the ‘EO Smart Home’ smartphone app to get the most from your charger.

Key features include:

+ Smartphone control: start, stop and lock your charger remotely.
+ Schedule charging: specify when you need your car fully charged by, start time of charge, maximum charge rate.
+ Money saving: select your energy tariff and let the app automatically work out the cheapest time to charge your EV.
+ Monitoring and Reporting: track your energy consumption.
+ Solar matching capability: allow your EV to be powered by solar energy.

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