



EO MINI PRO 3

Impossibly small.
Impressively smart.



EO MINI PRO 3

DESIGNED AND MANUFACTURED
IN THE UNITED KINGDOM.

FEATURES

- + Connection type: Universal Type 2 socket, Type 2 tethered cable (5m)
- + Power ratings: Single-phase up to 7.2kW (Type 2)
- + Solar charging: Charge your car with our solar matching or net-zero technologies (optional extra, using an additional CT clamp)
- + Connectivity: Wi-Fi, Cat 5 Ethernet, Bluetooth as standard, 4G cellular as optional extra

INSTALLATION

- + Simple electrical installation
- + Integral 6mA RDC-DD as per IEC 62955. Only a Type A RCD needs to be fitted
- + Adjustable maximum charging current for lower rated supplies
- + TN & IT grid connections



INTELLIGENCE


- + OCPP 1.6J: Back-office agnostic, ready for open OCPP integration and additional security extensions
- + Built-in power balancing with OCPP or locally via CT clamp

MODEL ORDER CODE	EM301-T2T-DCL
DESCRIPTION	EO Mini Pro 3 Single-phase charger - tethered

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	TN: L1, N, PE 0.2 - 16mm ² IT: L1, L2
OVER CURRENT CONNECTION	40A supply
EARTH LEAKAGE PROTECTION	Integral 6mA RDC-DD as per IEC 62955. Only a Type A RCD needs to be fitted upstream of the charging station
STANDBY POWER CONSUMPTION	<3W
STATUS INDICATION	3 colour LED indicator (green, blue, red)
CHARGING MODE	Mode 3 (IEC 61851-1 compliant communication protocol)
CONNECTOR	IEC 62196 Type 2 (5m Cable)
SUPPLY CABLE ENTRY	Ø25mm modifiable cable entry (Ø10mm - Ø22mm PVC stepped grommet included)

MECHANICAL DATA	
DIMENSIONS (H x W x D)	230mm x 151mm x 125mm
UNIT WEIGHT	<2kg (socketed), <5kg (tethered)
MOUNTING LOCATION	Wall or post mounted, indoor or outdoor (post mounting requires additional backplate, available as an extra)
AMBIENT TEMPERATURE	-25°C to +50°C
INTERNAL ELECTRONICS TEMPERATURE	-25°C to +50°C
OPERATING HUMIDITY	5 to 95% relative humidity
ENCLOSURE	PC UV stabilized (UL94 V-0 fire rated)
PROTECTION	IP56 (tethered)
IMPACT RATING	IK08
STANDARD FINISH	Black (RAL9005), removable fascia
OPTIONAL FINISH	Co-branding options available, subject to MOQs

COMMUNICATIONS
U.FI external antennae ports for Wi-Fi (2.4GHz), BTE & 4G cellular 10/100Mbit RJ45 Ethernet

COMPLIANCE
OZEV EVHS & WCS grants approved UK Smart Charging Regulations compliant BSI Kitemark CE + UKCA Marked, EMC Directive 2014/30/EU, Radio Equipment Directive, IEC 61851-1, IEC 61851-21, IEC 62196-2 TR25:2016


OPTIONS
4G cellular Additional backplate for post mounting Cloud-based static load management using OCPP via smart charging profiles Local automatic load management (using an additional CT clamp) Solar charging and load management (using an additional CT clamp) Co-branding options available, subject to MOQs

Designed to permit installations compliant with IET Wiring Regulations BS 7671:2018+A2:2022 and the Electricity Safety, Quality, and Continuity Regulations 2002 and BS 8300-2:2018. 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.