



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 1 and Type 2 tethered cable (5m)
- + Power ratings: Single-phase up to 7.2kW (Type 2 & Type 1), three-phase up to 22kW (Type 2 only)
- + Solar charging: Charge your car with our solar matching or net-zero technologies (optional extra, using an additional CT clamp)¹
- + Connectivity: Wi-Fi, Cat 5 Ethernet, Bluetooth as standard, 4G cellular¹ as optional extra
- + Integrated RFID reader & EO branded RFID tags available (optional)¹

INSTALLATION

- + Simple electrical installation
- + Integral 6mA DC leakage detection, no Type B RCD required
- + 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
- + ISO15118 ready for vehicle-to-grid (V2G) and plug & charge functionality¹
- + EO Hub 2: Connect an unlimited number of chargers to the EO Hub 2¹ for small commercial installations and additional load management
- + Smartphone app controlled: Energy usage monitoring and charging sessions management using our iOS and Android smartphone app

¹Feature not available with V1 product. V2 coming soon.

| MODEL ORDER CODE | EM301-DCL | EM303-DCL |
|------------------|--|---|
| DESCRIPTION | EO Mini Pro 3 Single-phase charger - locking socket | EO Mini Pro 3 Three-phase charger - locking socket |

| ELECTRICAL DATA | | |
|---------------------------|--|---|
| RATED POWER | Up to 7.2kW | Up to 22kW |
| CHARGING CURRENT | 6A to 32A (variable) | 6A to 32A (variable) |
| RATED CURRENT | Up to 32A max | Up to 32A max |
| NOMINAL SUPPLY | 230VAC 50Hz | 400VAC 50Hz |
| SUPPLY CONNECTIONS | TN: L1, N, PE 0.2 - 16mm ² IT: L1, N | TN: L1, L2, L3, N, PE 0.2- 16mm ² IT: L1, L2, L3, PE |
| OVER CURRENT CONNECTION | 40A 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 compliant communication protocol) | |
| SOCKET | IEC 62196 Type 2, IP54 hinged lid, locking pin | |
| SUPPLY CABLE ENTRY | Ø25mm modifiable cable entry (Ø10mm - Ø22mm PVC stepped grommet included) | |

| MECHANICAL DATA | |
|----------------------------------|--|
| DIMENSIONS (H x W x D) | 215mm x 140mm x 100mm |
| UNIT WEIGHT | 3 kg (socketed), 4.5 kg (tethered, with cable) |
| MOUNTING LOCATION | Wall or post mounted, indoor or outdoor (post mounting requires additional backplate, available as an extra) |
| AMBIENT TEMPERATURE | -30°C to +55°C |
| INTERNAL ELECTRONICS TEMPERATURE | -25°C to +70°C |
| OPERATING HUMIDITY | 5 to 95% relative humidity |
| ENCLOSURE | PC UV stabilized (UL94 V-0 fire rated) |
| PROTECTION | IP66 / IP54 |
| 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, BTE & 4G cellular ¹ 10/100Mbit RJ45 Ethernet ¹ |

| COMPLIANCE (PENDING) |
|---|
| DEKRA Certified & BSI Kitemark (pending) CE + UKCA Marked, EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-22, IEC 62196-2 EN 301-489 RFID - ISO/IEC 14443 (MIFARE). ETSI EN 303 645 cybersecurity |

| OPTIONS |
|--|
| 4G cellular (GPRS, NB-IoT/2G) ¹ RFID card reader Tethered Type 1/Type 2 cable (5m) Additional backplate for post mounting T2S socket Cloud-based static load management using OCPP via smart charging profiles Local automatic load management (using an additional CT clamp) EO Hub 2 for local automatic load management of multiple charging stations ¹ ISO15118 for vehicle-to-grid (V2G) and plug & charge functionality ¹ Solar charging (using an additional CT clamp) ¹ Co-branding options available, subject to MOQs |

¹Feature not available with V1 product. V2 coming soon.