

EO ALM

The local load control device
for EO Charging stations.



Finalist in the 'Low Carbon Product Innovation of the Year' award in the edie Sustainability Leaders Awards 2019.



Installation & Warranty

- + Simple electrical installation.
- + 1-year product warranty with options to extend.

Features

- + Controls up to six EO Minis or EO Basics.
- + Wide range of supplies supported - 20 to 100A.
- + Ensures that the site supply is never exceeded due to the EO Charging stations.

| MODEL ORDER CODE | EA001 | EA002 |
|------------------|---|--|
| Description | EO ALM – High power (40-100amp) load management unit for EO Mini and EO Basic | Low power (20-40amp) load management unit for EO Mini and EO Basic |

| ELECTRICAL DATA | EA001 | EA002 |
|-------------------------------------|---|--|
| Site Supply | 0 to 100A AC 240V 50Hz | 0 to 100A AC 240V 50Hz |
| Supported Mains Supplies | 100A, 80A, 60A or 40A | 40A, 32A, 25A, 20A |
| Number of Phases | Single Phase Only | Single Phase Only |
| Current Rating of CT Clamp | 0 to 100A | 0 to 100A |
| Mini or Basic Charging Current | 6A to 32A (variable) | 6A to 32A (variable) |
| Number of Support Charging Stations | Up to six chargers | Up to six chargers |
| Nominal Supply of EO ALM | 12V supplied by the EO Mini or EO Basic | 12V supplied by the EO Mini or EO Basic |
| Standby Power Consumption | <1W | <1W |
| Status Indication | 3 colour LED indicator (green, amber, red) | 3 colour LED indicator (green, amber, red) |
| Supply Cable Entry | 2 x Ø15mm glands. One for CT Clamp and one for Comms cable to EO Mini / Basic | |

| MECHANICAL DATA | EA001 | EA002 |
|----------------------------------|------------------------------------|------------------------------------|
| Dimensions (H x W x D) | 60x120x40 mm | 60x120x40 mm |
| Unit Weight | <250 kg | <250 kg |
| Mounting Location | Wall Mounted, Indoor | Wall Mounted, Indoor |
| Ambient Temperature | -10°C to +50°C | -10°C to +50°C |
| Internal Electronics Temperature | -25°C to +85°C | -25°C to +85°C |
| Operating Humidity | 5 to 95% | 5 to 95% |
| Enclosure | Enclosure ABS (UL94V-0 Fire Rated) | Enclosure ABS (UL94V-0 Fire Rated) |
| Protection (Enclosure / Socket) | IP54 | IP54 |
| Standard Finish | Black | Black |

| COMPLIANCE |
|---------------------------|
| EMC Directive 2004/108/EC |

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.