

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		
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.