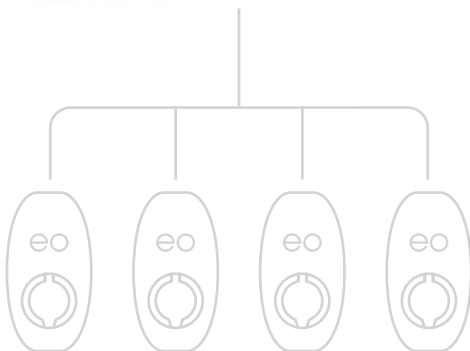


EO Hub Pro



Connect an EO Genius charger to the EO hub and unlock smart-charging technology. Connect up to 30 charge points per EO Hub and get access to the EO Cloud.

Connect to MID Meters to allow billing by KWH.

Installation & Warranty

- + Standard RS485 to EO Genius charging stations & Ethernet to switch/router.
- + 3-year product warranty with options to extend.

Features

- + Remotely edit & apply settings via EO Cloud.
- + Add separate MID meter for Active Load Management (ALM).
- + Connect up to 30 EO Genius charging stations to enable EO Cloud remote management, authentication and payment with EO App.
- + Remote EO Hub software upgrades.
- + Add separate MID Meter to allow billing by KWH.

MODEL ORDER CODE	EH001
Description	EO Hub

ELECTRICAL DATA	
Nominal Supply	0.25A / 230VAC 50Hz
Supply Connections	L1, N, PE 2.5mm ²
Over Current Protection	Recommend termination directly to a 3A fused connection unit
Status Indication	LED indicator

DATA COMMUNICATIONS	
To Charging Stations	Recommend 600V Rated LSZH RS485 cable. Cable runs > 25m require a 120Ω termination resistor at each end of RS485 bus.
To Internet Connection	CAT5 Ethernet cable
Communication Protocol	Proprietary to EO Cloud OCPP 1.6 JSON to 3rd party provider
Internal connections	DIN rail mounted terminal rail for all power and comms connections

CAPACITY	
Number of Charging Stations Polled	Up to 30 EO Genius charging stations on a common RS485 bus. Up to 30 MID meters – one per charging station. One MID Meter for ALM purposes.

MID METERS	
Site MID Meter for ALM	Smart Process X835-MID (one per site)
MID Meter for Genius Consumption	Smart Process X835-100-MID (one per station)

MECHANICAL DATA	
Dimensions (H x W x D)	290mm x 240mm x 110mm
Unit Weight	2.5 kg
Mounting Location	Wall Mounted, Indoor (permanent mounting)
Ambient Temperature	-10°C to +50°C
Internal Electronics Temperature	-25°C to +85°C
Enclosure	ABS IK07
Protection	IP30 (not suitable for outdoor installation)

OPTIONS	
Cellular modem connected via Ethernet Port	

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.