

## EO Hub

Enable bi-directional communication between EO Genius charging stations and the EO Cloud back-office.

Connect up to 30 EO Genius charging stations to enable EO Cloud remote management, authentication and payment with EO App.



### Installation & Warranty

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

### Intelligence

- Remotely edit & apply settings via EO Cloud
- Add current transformers for Active Load Management (ALM)
- Connect up to 30 EO Genius charging stations per EO Hub
- Remote EO Hub software upgrades



EO Genius  
Charging Station



Add Current  
Transformers for  
Active Load  
Management



Simple C5  
Power Connector

## EO Hub

<b>MODEL ORDER CODE</b>	<b>EH001</b>
Description	EO Hub
<b>ELECTRICAL DATA</b>	
Nominal Supply	0.25A / 230VAC 50Hz
Supply Connections	C5 (Cloverleaf) Socket
Over Current Protection	Recommend termination directly to a 3A fused connection unit
Leakage Current	<2mA
Status Indication	LED indicator
<b>DATA COMMUNICATIONS</b>	
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
<b>CAPACITY</b>	
Number of Charging Stations Polled	Up to 30 EO Genius charging stations on a common RS485 bus.
<b>MECHANICAL DATA</b>	
Dimensions (H x W x D)	175mm x 125mm x 95mm
Unit Weight	<1kg
Mounting Location	Wall Mounted, Indoor (permanent mounting)
Ambient Temperature	-10°C to +50°C
Enclosure	ABS (UL94 HB Fire Rated), IK08
Protection	IP30 (not suitable for outdoor installation)
Standard Finish	Glasuirt 68 Line Paint, Silver (RAL 9006)
<b>OPTIONS</b>	
Cellular modem connected via Ethernet Port Split-core current transformers for active load management, range of ratings/sizes are available from 50 to 1000A	

Designed to permit installations compliant with IET Wiring Regulations BS 7671:2008+A3 2015 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.

Warranty terms can be found at [www.eocharging.com/s/EO-Warranty.pdf](http://www.eocharging.com/s/EO-Warranty.pdf)

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Issue May-2019

