

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

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

MODEL ORDER CODE	EH001
Description	EO Hub
ELECTRICAL DATA	
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
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
CAPACITY	
Number of Charging Stations Polled	Up to 30 EO Genius charging stations on a common RS485 bus.
MECHANICAL DATA	
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)
OPTIONS	
Cellular modem connected via Ethernet Port Split-core current transformers for active load management, range of ratings/sizes are available from 50 to 1000A	

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

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