

eoHub

Enable bi-directional communication between eoGenius charging stations and the eoCloud back-office.

Connect up to 30 eoGenius charging stations to enable eoCloud remote management, authentication and payment with eoApp.



Installation & Warranty

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

Intelligence

- Remotely edit & apply settings via eoCloud
- Add current transformers for Active Load Management (ALM)
- Connect up to 30 eoGenius charging stations per eoHub
- Remote eoHub software upgrades



eoGenius
Charging
Station



Add Current
Transformers for
Active Load
Management



Simple C5
Power
Connector

eoHub

MODEL ORDER CODE	EH001
Description	eoHub
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 eoGenius 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	Glasurit 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	

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

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Issue Mar-2018

