

DATASHEET

EVC Connect

Enable bi-directional communication between EVCIQ charging stations and the EVCCloud back-office.

Connect up to 30 EVCIQ charging stations to enable EVCCloud remote management, authentication and payment with EVCApp.



INSTALLATION & WARRANTY

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

FLEXIBILITY

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



Optional Extras



EVCIQ
Charging Station



Current Transformers for
Active Load Management



Simple C5 Power
Connector

MODEL ORDER CODE	EH001
Description	EVConnect
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 LSHZ RS485 cable. Cable runs > 25m require a 120 termination resistor at each end of RS485 bus.
To Internet Connection	CAT5 Ethernet cable
CAPACITY	
Number of Charging Stations Polled	Up to 30 EVCIQ 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 BS7671:2008+A3 2015 and the Electricity Safety, Quality and Continuity Regulations 2002 and BS8300:2009+A1:2010.

In no event will ProcureEVC accept any liability for any loss, costs or damage consequential on the user and/or misuse of our hardware or software products except and only to the extent that this is caused by our negligence.

©2018 ProcureEVC. All rights reserved. Designed and Manufactured in the United Kingdom.