

DATASHEET

EVC IQ

A modular, scalable and future proof smart-charging station; designed for fleets, apartments and destinations. Just add the EVConnect to unlock all the software functionality of the EVCCloud platform and EVCGo App.

INSTALLATION & WARRANTY

- Unique wall plate connector for quick deployment and future upgrade
- 3-year product warranty with options to extend

FLEXIBILITY

- Add EVConnect to enable communications with EVCCloud back-office
- Static, dynamic & scheduled active load management via EVCCloud
- EVCGo App smartphone integration via EVCCloud



Optional Extras



EVConnect



EVCGo App



EVC Stand

MODEL ORDER CODE	EVC007	EVC008
Description	32A 1-Phase Charger - Locking Socket	32A 3-Phase Charger - Locking Socket
ELECTRICAL POWER		
Rated Power	Up to 7.2 kW	Up to 22 kW
Charging Current	6A to 32A (variable)	6A to 32A (variable)
Rated Current	32A max	32A max
Nominal Supply	230VAC 50Hz	400VAC 50Hz
Supply Connections	L1, N, PE 2.5 - 10mm ²	L1, L2, L3, N, PE 2.5 - 10mm ²
Over Current Protection	40A Supply	40A Supply
Earth Leakage Protection	A dedicated 30mA Type A RCD must be used on the supply circuit. Integral DC leakage detection – no Type B RCD required.	
Thermal Protection	Output limited if unit temperature is > 85°C	
Standby Power Consumption	~3W	
Status Indication	3 colour LED indicator (green, blue, red)	
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)	
Socket	Mennekes branded IEC 62196 Type 2, IP54 hinged lid, locking pin Manual override pin release key.	
Supply Cable Entry	Ø20mm or Ø25mm hole drilled at site into wall plate connector.	
MECHANICAL DATA		
Dimensions (HxWxD)	360mm x 165mm x 155mm	
Unit Weight	<3kg	
Mounting Location	Wall or Post Mounted using wall plate, Indoor or Outdoor (permanent mounting).	
Ambient Temperature	-30°C to +50°C	
Operating Humidity	5 to 95%	
Enclosure	PC / ABS UV Stabilised (UL94 HB Fire Rated)	
Protection (Enclosure/Socket)	IP66 / IP54	
Standard Finish	Natural White (RAL 9016)	
COMMUNICATIONS		
	Each EO Genius has a 3m RS485 flying lead pre-fitted. RS485 connectivity for communications with EO Hub for EO Cloud access. EO Hub requires active internet connection & firewall configuration for EO Cloud.	
COMPLIANCE		
	OLEV EVHS & WCS Approved CE Marked, EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-22, IEC 62196-2 EN 301-489	
OPTIONS		
	Static, dynamic & scheduled active load management when installed with eoHub and current transformers. For post mounting refer to eoPost datasheet. Unbranded, non-locking standard Type 2 socket available upon request. RFID Card Reader.	

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.