



Housebuilder guide to EV-IQ Chargers

Instruction, data and maintenance for our EV Chargers

What we offer

We provide a comprehensive range of EV charging products and services, designed to support the UK's transition to low carbon transport across residential, commercial, and industrial sectors.



Complete EV Charging Range - From 7.4kW single residential and 22kW three-phase AC chargers to 30kW - 480kW ultra-rapid DC chargers, built for residential, private, public, and commercial applications.



Flexible Purchase Options - EVIQ is available via specification to contractors, wholesalers or directly from us. We offer fast, reliable delivery across the UK – straight to your site or warehouse.



EV Plotting & Site Mapping - Our team specialises in EV charger plotting across site plans, ensuring optimal layout, accessibility, and full compliance with Part S and local planning regulations.



Training at our E-home - Full training and demonstrations at our dedicated E-home Training Hub in Worcester. Get hands on with our full EV-IQ range and learn best practices for installation, commissioning, and system management.



Smart Charging & App Control - Integrated with the Electric Miles and Tap Electric platforms, giving real time user access, load scheduling, solar charging modes*, and energy tracking.



Regulation Ready Design - Fully compliant with UK Building Regulations (Part S) and Smart Charging legislation, simplifying installation approval and helping developers meet their planning and sustainability obligations.



UK Based Customer Support - We provide responsive, expert support both pre and post installation, delivered locally by our knowledgeable UK based team that understands your project needs.

Site mapping and Planning

We collaborate with your technical team to optimise installations, reduce costs, and address challenges early. Our thorough planning ensures smoother installations and a more reliable user experience at a lower cost.

EV Plotting & Site Mapping - Our team specialises in planning EV charger installations across site plans. We ensure optimal layout, accessibility, and full compliance with Part S and local planning regulations.

Communal Charging Recommendations - We can assist in designing communal charging areas with power supplied either directly from the grid or through a landlord's supply.



EV Management Software - EV-IQ devices are OCPP compatible, enabling you to manage your communal charging network with your preferred software. We've partnered with Tap Electric to simplify the process, enabling you to oversee and expand your system easily.

Prompt and professional response - We deliver your free site plan and quote within five working days.



Training at home

We provide practical, complimentary training to equip partners with the skills and confidence to install EV-IQ products to the highest standard. At our E-home training hub in Worcester, we offer customised sessions that cover our entire product range, including EV-IQ.

Our comprehensive sessions are tailored to developers, contractors, installers, and anyone interested in EV technology. Participants are encouraged to ask questions, engage in hands-on activities, and develop the skills necessary to deliver high-quality work consistently.

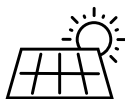
An EV-IQ training day covers:



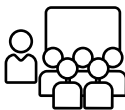
Installation - Hands on workshops teaching how to install EV-IQ into various real world situations.



Commissioning - Configuration and testing with the Electric Miles and Tap Electric apps.



Solar Integration - How to incorporate EV-IQ into solar and battery storage systems.



Q&A Sessions - Opportunities to ask questions and troubleshoot issues with our EV-IQ experts.



Secure your session today, email: sales@gl-e.uk



Why choose GL?

Our EV IQ AC charging range stands out from competitors by combining smart functionality, installer-friendly design, and exceptional value. With UK based customer service and technical support, the EV-IQ AC range offers reliable performance and genuine peace of mind.

GL EV-IQ 7.4kW



VS

Competition



7.4kW	<7kW
Bottom and Rear Cable Entry	Bottom Cable Entry Only
Dynamic Load Balancing incl. CT Clamp	Basic Load Balancing
Easy Install in Under 15 Minutes	Complicated Install
Modular Design	Fixed & Inflexible
Wi-Fi with 4G Upgrade Available	Wi-Fi Only
Smart Features & Modbus Options	Limited Functions
£	£££



7.4kW AC EV Charger

EV-IQ[®]

GL-EVIQ07WRS

The EV-IQ 7.4kW is GL's flagship residential EV charger, engineered for performance, compliance, and ease of use. Designed with UK housebuilders and homeowners in mind, this compact unit delivers reliable 7.4kW fast charging and is fully compliant with Building Regulation Part S.

Specification

INPUT & OUTPUT

Input Current	32A Single-phase
Input Voltage	230V AC
Input Frequency	50/60Hz
Output Voltage	230V AC
Max Output Power	7.4kW
Max Output Current	32A
Charging Interface	IEC 62196-2, Type 2
Connection	Untethered

PROTECTION

Overload Protection	Yes
Short Circuit Protection	Yes
Earth Leakage Protection	Yes
Over-temp Protection	Yes
PEN Fault Detection	Yes

FUNCTION & ACCESSORY

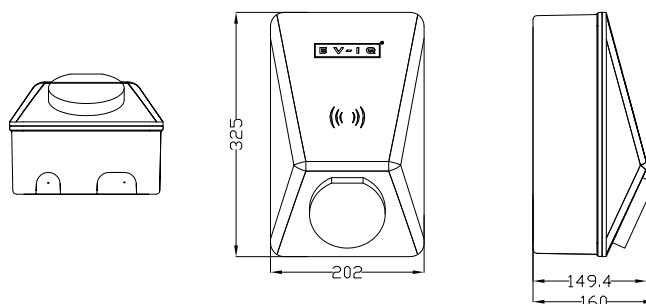
Ethernet/Wi-Fi/Bluetooth	Yes
4G	Optional
OCPP	OCPP 1.6
LED Indicator Light	Yes
Intelligent Power Adjustment	Optional

WORKING ENVIRONMENT

IP Rating	IP55
Impact Resistance	IK10
Operating Temperature	-25°C ~+50°C
Standby Power Consumption	4W

MECHANICAL

Cable Entry	Rear / Bottom
Dimensions (w/h/d)	202 x 325 x 160mm
Weight	2.5kg
Installation	Wall Mount / Post Mount



Perfect for:

- Home driveways or garages
- Apartment blocks
- Office car parks

Key Features:



Optional Extras:



22kW Three-phase AC EV Charger

E V - I Q[®]

GL-EVIQ22WRS

Our 22kW Three-phase AC Charger is a powerful and efficient EV charging solution, ideal for residential developments, commercial sites, and workplaces with three-phase power supply. Offering faster charging times than standard single phase units, it's perfect for users with high daily mileage.

Specification

INPUT & OUTPUT

Input Current	32A Three-phase
Input Voltage	400V AC
Input Frequency	50/60Hz
Output Voltage	400V AC
Max Output Power	22kW
Max Output Current	32A Three-phase
Charging Interface	IEC 62196-2, Type 2
Connection	Untethered

PROTECTION

Overload Protection	Yes
Short Circuit Protection	Yes
Earth Leakage Protection	Yes
Over-temp Protection	Yes
PEN Fault Detection	Yes

FUNCTION & ACCESSORY

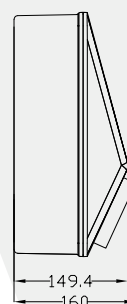
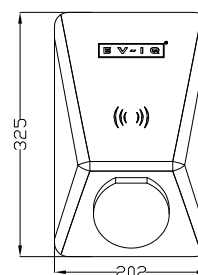
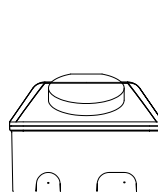
Ethernet/Wi-Fi/Bluetooth	Yes
4G	Optional
OCPP	OCPP 1.6
LED Indicator Light	Yes
Intelligent Power Adjustment	Optional

WORKING ENVIRONMENT

IP Rating	IP55
Impact Resistance	IK10
Operating Temperature	-25°C ~ +50°C
Standby Power Consumption	4W

MECHANICAL

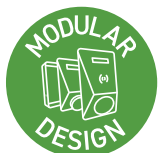
Cable Entry	Rear / Bottom
Dimensions (w/h/d)	202 x 325 x 160mm
Weight	5kg
Installation	Wall Mount / Post Mount



Perfect for:

- Car parking bays
- Communal charging hubs
- Corporate offices

Key Features:



Optional Extras:



7kW - 22kW Dual Wall Mounted AC EV Charger

E V - I Q[®]

Our dual AC chargers – available in 7kW or 22kW – are purpose-built for busy locations and multi-vehicle operations, delivering flexibility, efficiency, and future-proof scalability. This wall mounted model is perfect for locations where space is limited or where quick and simple installation is a priority.

Specification

INPUT & OUTPUT

Model	7kW	22kW
Input Current	63A Single-phase	63A Three-phase
Input Voltage	230V AC	400V AC
Input Frequency	50/60Hz	50/60Hz
Output Voltage	230V AC	400V AC
Max Output Power	2 x 7kW	2 x 22kW
Max Output Current	2 x 32A	2 x 32A Three-phase
Charging Interface	IEC 62196-2, Type 2	
Connection	Tethered or Untethered	

FUNCTION & ACCESSORY

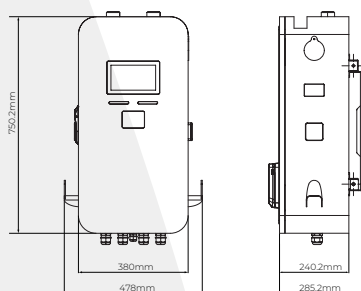
Ethernet/Wi-Fi/Bluetooth	Yes
4G	Optional
OCPP	OCPP 1.6
LED Indicator Light	Yes
Touch Screen	Yes

WORKING ENVIRONMENT

IP Rating	IP55
Impact Resistance	IK10
Operating Temperature	-30°C ~+50°C

MECHANICAL

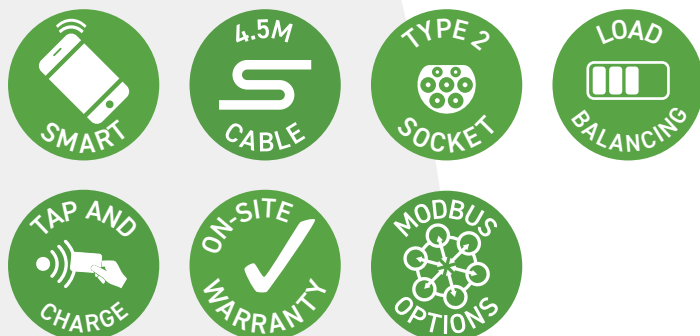
Dimensions (w/h/d)	478 x 750.2 x 285.2mm
Installation	Wall Mount



Perfect for:

- Car parking bays and communal parking
- Corporate offices
- Company fleet depots

Key Features:



Optional Extras:



Powered by:



7kW - 22kW Dual Freestanding AC EV Charger

E V I Q[®]

Engineered for performance, our dual freestanding AC chargers are a versatile solution for shared spaces and high-traffic environments. Offered in 7kW or 22kW models they deliver convenient and scalable charging for multiple vehicles.

Specification

INPUT & OUTPUT

Model	7kW	22kW
Input Current	63A Single-phase	63A Three-phase
Input Voltage	230V AC	400V AC
Input Frequency	50/60Hz	50/60Hz
Output Voltage	230V AC	400V AC
Max Output Power	2 x 7kW	2 x 22kW
Max Output Current	2 x 32A	2 x 32A Three-phase
Charging Interface	IEC 62196-2, Type 2	
Connection	Tethered or Untethered	

FUNCTION & ACCESSORY

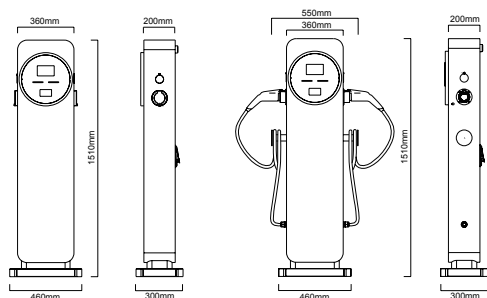
Ethernet/Wi-Fi/Bluetooth	Yes
4G	Optional
OCPP	OCPP 1.6
LED Indicator Light	Yes
Touch Screen	Yes

WORKING ENVIRONMENT

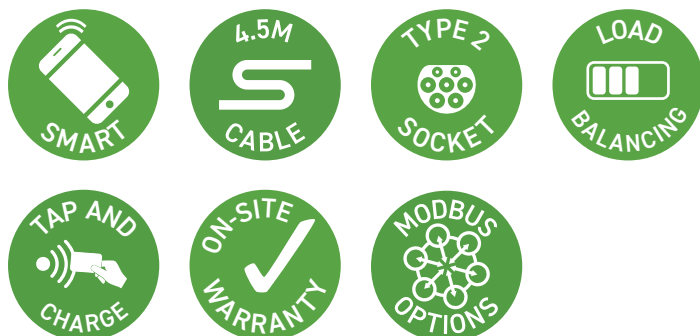
IP Rating	IP55
Impact Resistance	IK10
Operating Temperature	-30°C ~ +50°C

MECHANICAL

Dimensions (w/h/d)	550 x 1510 x 300mm
Installation	Floor Mounted



Key Features:



Perfect for:

- Car parking bays and communal parking
- Corporate offices
- Company fleet depots

Optional Extras:



Powered by:



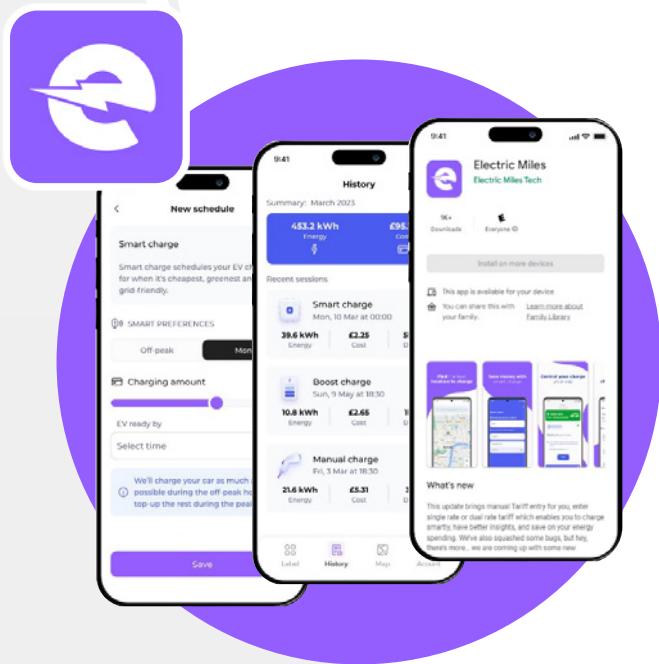
1.2m Floorstand

GL-1.2FLRSTAND

Specifically designed for securely mounting our AC chargers, providing a professional and freestanding installation option. Ideal for car parks, new build developments, and commercial environments.

Specification

Compatible with	GL-EVIQ07WRS(4G) GL-EVIQ022WRS(4G)
Dimensions (w/h/d)	285 x 1200 x 155mm



Electric Miles

GL has partnered with Electric Miles to bring smart, compliant EV charging solutions to the UK residential market.

- UK Based
- Solar charging
- Rewards
- Flexible options
- Tariff switching





Tap Electric

We're proud to partner with Tap Electric, the EV charging platform trusted by tens of thousands of drivers across the UK and Europe. Through this collaboration, our AC and DC charging range is enhanced with industry-leading smart technology.

- Tap provide 24/7 support by phone and email for you and your drivers.
- Easily manage tariffs per location by setting standard tariffs, or special tariffs using user groups.
- Real-time cost calculations and auto-stop on max cost.
- Tap handle payments and payouts automatically.

EV-IQ clients

Our trusted client partnerships speak for themselves – here are just a few of the companies who rely on GL for their electrical and EV infrastructure solutions:

Bellway

Story
HOMES

croudacehomes

Barratt
Redrow

H
HAYFIELD

Fairview
NEW HOMES Ltd.

SPITFIRE
HOMES

Persimmon
Together, we make your home

CAMERON

LIONCOURT
HOMES

OWL
HOMES

BADGER

DC Charger range

We offer a comprehensive range of Direct Current (DC) chargers, designed to deliver rapid charging by supplying power directly to the vehicle's battery.

Each unit is designed with reliability and scalability in mind, ensuring your charging infrastructure grows with demand. With OCPP integration and smart features available across the range, you can monitor, manage, and optimise your network with ease.



DC Fast Chargers

Available in 30kW or 40kW, our fast charging range offers a compact alternative for businesses and sites that require high speed charging. With single or dual gun models available they offer flexibility, efficiency, and future proof scalability.

Perfect for:

- Small commercial fleets and depots
- Retail parks and supermarkets
- Business parks and offices

DC Rapid and Ultra-rapid Chargers

Our 60kW to 480kW DC Rapid Chargers deliver outstanding charging speeds, built for continuous, heavy-duty use. Smart power management ensures multiple vehicles can charge at once without performance drop-off, keeping downtime minimal.

Perfect for:

- Motorway service stations
- Large retail parks and shopping centres
- Commercial depots and logistics hubs



Get in touch with our team today to receive a copy of our **DC Charger Guide** and discuss the right solution for your site.
Email: sales@gl-e.uk





Visit our E-home training centre in Worcester and get hands-on with the complete EV-IQ range. Whether you're a property developer, site manager, installer, contractor, or simply curious about EV technology, our training sessions cover installation and software integration for every scenario - including solar and battery storage.



Live Demonstrations

See our innovative products in action.



Product Showroom

Explore our full range of lighting, safety, and energy solutions.



Tailored Workshops

Bespoke sessions for housebuilders, contractors, and developers.



Networking Opportunities

Connect with industry professionals and experts.



Smart Home Solutions

Experience home automation technology.



Hands-on Training

Expert-led sessions on the latest technologies and installations.



Regulation Compliance Guidance

Stay informed on the latest building standards.



Training Room Hire

Book our fully equipped training rooms for your own sessions.



Sustainability Insights

Discover energy-efficient solutions for modern homes.



Book your visit:

Email: sales@gl-e.uk
Phone: 01905 610200



Address:

Unit 9, Great Western Business Park,
McKenzie Way, Worcester WR4 9GN

Located less than a 10 minute drive from M5 junction 6 or
a 10 minute walk from Worcester Shrub Hill train station.



Technical help

GL consists of a team of skilled engineers, innovative product designers, and technical specialists, all with proven experience in new build housing and retrofit projects.



Dedicated team with over 25 years' experience.



User guides and technical datasheets available.



Site mapping service and sales assistance from our EV experts.



Onsite and remote support from our dedicated technical specialists.



UK based customer service team on hand to support with aftercare queries.



Online support with troubleshooting videos and FAQs.

For details and support contact us on:

T: 01905 610200 • **E:** sales@gl-e.uk • **W:** www.eviq.uk

GL product portfolio

Through specification GL has been successfully supplying lighting, safety alarms and electrical accessories to new house builder for 25 years.

We design and manufacture our products to comply with relevant Building Regulations covering all spectrums from energy efficiency to fire and acoustics. As a result, we have won the Queen's Award for Enterprise twice and were very honoured to receive The Princess Royal Training Award in 2016, and a visit from The Princess Royal in 2023.

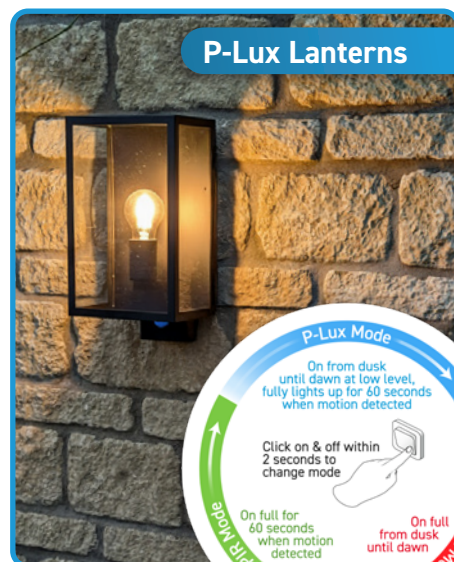
Presented here is just a small sample of the extensive range of products we proudly offer:



Fire Rated Downlights



Safety Alarms



P-Lux Lanterns



Bollards



Solar Inverter & Energy Storage Systems



Exterior Wall Lights



Bathroom Lighting



Sockets & Switches



LED Tape & Under Cabinet Lighting



All-in-one Hot Water Heat Pumps



Request a copy of our **Product Brochure** to explore our full portfolio, and connect with our team to discuss how we can support your project.
Email: sales@gl-e.uk





	Telephone	01905 610200
	Email	sales@gl-e.uk
	Web	www.eviq.uk