



Version 1 | August 2020

Our dedicated EV team support every step of your electrification, from design, installation & commissioning of chargers, right through to preventative & reactive maintenance services

## Technology

*The installation & maintenance of EV charging hardware is a rapidly evolving area & as industry leads we want to help dealerships make informed decisions, please reach out to your British Gas contact on any questions or comparisons with electrical equipment & public access.*

## Safety & CDM Regulations\*

*Typically, EV charger installation involves more than one contractor, as such you'll need to formally appoint a Principal Contractor. Since safety is our top priority, we're happy and experienced in fulfilling this critical role to give you peace of mind the installation is being managed in line with CDM Regulations.*

\*CDM Regulations - The Construction (Design & Management) Regulations 2015

## Design

*Our best in class design team are constantly value engineering, looking into available technology to advise you on the most efficient cost & effective way to maximise the capacity available on site, from load balancing or renewables integration, through to requesting a new connection from the DNO\* & managing that journey for you.*

\*DNO - Distribution Network Operator

## Delivery

*We offer a comprehensive survey, site assessment, quote & consultation programme to help deliver the right solution. Once in delivery, your business will be assigned a dedicated project manager to support throughout the duration of works, ensuring complete peace of mind. We'll even inform your local DNO about your new EV installation as part of the service.*

## Why British Gas & what does good look like from an industry leader?

- Installed over 17.5k charging stations throughout the UK, from AC 3.6kW up to DC 350kW, our combined scale & experience is unique.
- Highly experienced EV & electrical engineering team, we've been installing EV chargers since 2012 for the UK's homes & businesses.
- Using our extensive operational experience we optimise the performance and future-proofing of the EV installation to suit your site and needs. We believe this adds value, since lower cost options may not always provide this in such a rapidly changing area.
- Experience & continued learning in EV installations, our design work considers all known & new issues, be it the impact of harmonic distortion or how to minimise the risks of simultaneous contact.
- Our team have the qualifications to ensure your installation meets industry best practice, including:
- IET Code of Practice for Electric Vehicle Charging Equipment

### Installation 4<sup>th</sup> Edition

- BS7671 18th Edition, Requirements for Electrical Installations, Certified to BS7671 18th Edition,
- SSSTS, SMSTS, IOSH and UKPIA SPACompex 07/08 (i.e. qualified to work on petrol forecourts/hazardous areas)

Finally, EV infrastructure is a complex design & installation process & can be dangerous if not installed inline with IET Code of Practice for EV Charging Equipment; British Gas highly recommends knowing exactly what specification any of your chosen suppliers are installing to & guaranteeing.

## What happens next...

### Free Virtual Survey

- Contact British Gas using details provided by Volvo to request a survey
- A BG EV expert will contact you to arrange a virtual survey and answer any initial questions
- We'll then conduct a virtual survey with you to understand your requirements and develop a solution specific to your site and needs

### Quotation

- We will issue a quotation, providing a full breakdown of the work and illustrate this with the photographs taken during the survey so you can see exactly what is proposed
- We will also highlight any other matters such as electrical supply limitations or remedial works required for existing infrastructure to be made ready for electrification
- If you're happy to proceed with British Gas, simply submit the order form and we'll move forward

### Electrical Network Approval

- Our experienced team will liaise with the local Distribution Network Operator (DNO) to confirm the installation can proceed without any additional DNO works
- If a new connection or supply upgrade is required we'll explain the DNO requirements and if you'd prefer we manage this too, we can offer a full end-to-end service on your behalf

### Installation

- You will then be assigned a dedicated Project Manager who will work with you all the way from installation planning, installation through to handover and commissioning