

Poole, UK

07 April 2015

### Siemens unveils new electric vehicle charging solutions

Siemens launches a brand new DC rapid electric vehicle charger and showcases further product features at both GreenFleet Scotland (10-11 April) and Traffex 2015 (21-23 April) this month, complementing the company's proven range of electric vehicle (EV) charging solutions.

Designed to conform to all industry standard charging protocols and interfaces, the new single-outlet, wall-mounted QC24S rapid charger provides a DC output at 24kW and can be supplied with a CCS or CHademo connector on a tethered lead, capable of charging all compatible vehicles.

Charging from zero to 80% in less than 60 minutes, this new lightweight unit can be deployed as part of a charging infrastructure network, with back-office connectivity provided over industry-standard OCPP protocol. Customised and available in a range of colours with built-in 3G and LAN communications, the QC24S rapid charger is both safe and simple to operate.

#### Bay detection

Also on show, the QC45 charger can be supplied with an integrated SLD4 loop detector such that inductive loops can now be used to monitor the occupation status of the charging bay. This data can be combined with the charger status and transmitted back to the back office via the OCPP protocol or be transmitted to other third-party back offices using cloud-based technology.

#### Enhanced configuration

Typically, EV chargers are network connected to a back office such as that provided by Charge-Your-Car, providing an authentication and payment portal for EV drivers, but with little information regarding the status of the charger and no capability to control or upgrade the charger. Siemens is rolling out a firmware upgrade to all networked EV chargers that allows the chargers to be monitored, controlled and upgraded remotely. This interface can run independently of, or in parallel with, conventional back office interfaces.

Siemens was established in the United Kingdom more than 170 years ago and now employs 13,760 people in the UK. As the world's largest engineering company, Siemens provides innovative solutions to help tackle the world's major challenges. Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey.

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