

Media Information

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New, innovative solution for ultra-fast charging electric vehicles

- Cooperation between E.ON and Volkswagen Group Components contributes to establish an ultra-fast charging infrastructure
 - Ultra-fast charging in the future – simple, inexpensive and possible everywhere
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Essen, Wolfsburg – The establishment of a dense public network of ultra-fast e-vehicle charging stations can be realized much faster than previously assumed. E.ON and Volkswagen Group Components are giving a new impetus with the prototype of a new, flexible ultra-fast charging station that will be presented in Essen. By integrating a battery system, it will be possible to install ultra-fast charging stations almost anywhere and at significantly lower cost without civil engineering or mains connection.



Chairman of the Board of Management of Volkswagen Group Components Thomas Schmall with E.ON Board of Management member Karsten Wildberger

According to E.ON and Volkswagen Group Components, the new technology paves the way for a larger number of ultra-fast charging points to be installed where they are needed. E.ON is seeing demand for this solution from municipal utilities and local authorities as well as from filling stations and service areas. In addition, the offer is tailored to the electrification of retail parking lots and logistics companies such as parcel services.

The stations are installed according to the plug & play principle – simply put them down, connect them and configure them online. The quick charging system can charge two e-cars with up to 150 kilowatts of power at the same time, thus providing an additional range of around 200 km on average in just 15 minutes. To ensure that the battery installed in the charging station always has sufficient capacity, it is permanently fed by a conventional 16 to 63 ampere power connection. E.ON will operate the rapid chargers exclusively with green electricity. Updates, remote maintenance and billing of the charging points will be carried out via E.ON's central software platform. The technology meets all the requirements for financial support under both the EU and the German directive and complies with the requirements of calibration law.

Chairman of the Board of Management of Volkswagen Group Components, Thomas Schmall: "The flexible ultra-fast charging station developed by us is an important component for a

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comprehensive network of charging points. At the same time, its innovative approach to quick and easy installation enables us to meet the needs of our customers. The cooperation with E.ON is an important step towards integrating this technology into the charging infrastructure quickly and in line with demand."

E.ON Board of Management member Karsten Wildberger: "E.ON made progress in electromobility years ago and has brought its own ultra-fast filling stations to the motorways of Europe. From the very beginning, we have been concerned with the wishes and problems of our customers and are now taking the next step towards the future with Volkswagen Group Components. By joining forces, we can now offer our customers flexible ultra-fast charging systems that are faster, simpler and cheaper than conventional solutions."

The business model was developed jointly by E.ON and Volkswagen Group Components. The hardware component is an innovation of the automotive company combined with E.ON's proven operator system and market knowledge. Volkswagen Group Components will start series production this year. In the second half of the year, E.ON will intensively test the new charging points at six motorway filling stations and then launch them on the German market under the name E.ON Drive Booster.

About E.ON

E.ON is an international privately-owned energy company headquartered in Essen, Germany, which focuses on energy networks and customer solutions. As one of Europe's largest energy companies, E.ON plays a leading role in shaping a green, digital and decentralized world of energy. The company has more than 70,000 employees. More than 50 million residential, commercial, and industrial customers purchase power, gas, digital products, or solutions for electromobility and climate protection from E.ON. More information is available at www.eon.com.

This is Volkswagen Group Components.

As an entrepreneurially independent business unit under the umbrella of Volkswagen AG, Volkswagen Group Components is responsible for the development and production of strategic components for the Group's vehicle-producing brands. 80,000 employees work in over 60 plants at 47 production sites worldwide in five business areas – Engine and Foundry, Gearbox and Electric Drive, Chassis, Seats and Battery Cells. They develop and manufacture vehicle components, shape future topics such as charging infrastructure and battery recycling – and thus make a decisive contribution to the value of the Volkswagen Group, its brands and products. Thomas Schmall is Chairman of the Board of Management of Group Components.

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