



## **Future market of electromobility: HELLA expands market position**

- **Automotive supplier develops power electronics for all drive concepts**
- **Important orders for key components in the field of 48-volt mild hybridization from renowned automobile manufacturers acquired**
- **Development activities for high-voltage applications intensified**

**Lippstadt, 22. April 2021.** Innovative power electronics from the lighting and electronics specialist HELLA ensure intelligent energy management and greater fuel efficiency. Back in 2007, the company launched the world's first 12-volt voltage converter that supports the start/stop function in the vehicle. Since 2016, HELLA has been supporting the trend towards mild hybridization with 48-volt power electronics. The 48-volt DC/DC converters allow bi-directional energy transfer between 48-volt and 12-volt on-board networks and enable that the recuperation energy recovered during braking is made available to the 12-volt network again, thus enabling the energy to be used efficiently. HELLA has already received numerous other orders for the product from well-known German car manufacturers. This further strengthens the company's position among the top 3 suppliers in this sector.

"We are already a leading development and technology partner and accompany car manufacturers comprehensively on the path to e-mobility," says Björn Twiehaus, member of the Executive Board and responsible for the Electronics division at HELLA. "With our product range, we support all stages of electrification and offer our customers different levels of integration." In addition to the 48-volt DC/DC converters, HELLA also has a 48-volt PowerPack in its range, which combines power electronics plus battery management to monitor the lithium-ion battery. HELLA has now also won an order for this from a German premium car manufacturer.

"Based on our successes in the 48-volt segment, we are continuing to expand our expertise and are now increasingly transferring our know-how to the high-voltage sector," says Björn Twiehaus. HELLA develops high-voltage converters and innovative



solutions for charging electric vehicles. This includes, for example, a highly efficient on-board charger optimized for weight and installation space. It offers the possibility of charging the vehicle and feeding energy from the vehicle battery back into the grid. Integrated Smart Charging functionalities also allow intelligent control of the grid load and thus compensate for overload peaks for the grid supply.

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**HELLA GmbH & Co. KGaA, Lippstadt:** HELLA is a global, family-owned company, listed on the stock exchange, with over 125 locations in some 35 countries. With sales of € 5.8 billion in the fiscal year 2019/2020 and 36,000 employees, HELLA is one of the leading automotive suppliers. HELLA specialises in innovative lighting systems and vehicle electronics and has been an important partner to the automotive industry and aftermarket for more than a century. Furthermore, in its Special Applications segment, HELLA develops, manufactures and sells lighting and electronic products for specialist vehicles.

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