



## **HELLA equips electric vehicle of a European premium manufacturer with lighting and electronics products**

- **Innovative light strip, LED headlamps and radomes ensure a characteristic appearance of the vehicle's front end**
- **High-voltage battery management system ensures reliable function of the lithium-ion battery**

**Lippstadt, 15. September 2021.** The development of electromobility continues to progress. This is accompanied by a wide range of opportunities for suppliers. Firstly, in the area of drive concept/energy management, where HELLA is strongly positioned with battery management systems, for example. Secondly, it also opens up new design opportunities. Since the classic engine cooling system is no longer required in electric vehicles, the front of the vehicle can be redesigned. Here, HELLA is setting new design accents with illuminated displays, LED light strips and illuminated logos. HELLA has now demonstrated its distinctive expertise in the fields of lighting and electronics in the Mercedes EQA, for example.

In addition to innovative LED headlamps, HELLA has developed a characteristic, one-metre long light strip for the front of the vehicle. The light strip provides an unmistakable appearance on the road and visually connects the headlamps. One LED is integrated on each side of the light strip. An innovative optical concept developed at the HELLA competence centre for car body lighting in Ljubljana, Slovenia, ensures homogeneous lighting throughout. The light strip is produced at the HELLA plant in Lippstadt. HELLA has also integrated a heated radome, which is a complex radar cover (radome, abbreviation for radar dome), into the front of the vehicle. It protects the front radar sensors from soiling and weather conditions. In the Mercedes EQA, it is located behind the carmaker's emblem and is integrated into the large panel that adorns the front of the vehicle.

As a highlight from the electronics sector, HELLA has also integrated a high-voltage battery management system in the vehicle. This ensures safe and reliable operation of

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the electric vehicle's nearly 70 kWh lithium-ion battery and monitors the battery's voltage, temperature and current. The modular, scalable design of HELLA's battery management systems enables integration into each type of relevant drive electronics independent of the cell technology used, and on this basis ensures a high degree of variability for use in diverse batteries and vehicle models.

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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 currency and portfolio-adjusted sales of € 6.5 billion in fiscal year 2020/2021 and more than 36,000 employees, HELLA is one of the world's 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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