

SGL Carbon receives contract for battery enclosure from BMW Group

- New composite e-Mobility application
- Multi-year substantial contract

After prototypes for a Chinese automotive manufacturer, a major order from a North American automaker, and yet another order for a European sports car manufacturer, SGL Carbon has now been nominated by BMW Group to produce a cover component for battery enclosures in series. This substantial multi-year order will include the production of an innovative glass-fiber-based cover plate for the battery housing for usage in a future plug-in hybrid model of BMW Group.

Materials made of composites are suited for battery enclosures for different reasons: Besides their light weight, which enhances the electric vehicle's range, fiber-reinforced plastics offer high stiffness. In addition, they meet high requirements for water and gas tightness and feature excellent fire protection properties. Composite materials can also help to achieve improved structural stiffness of the underbody, e.g. to protect against penetration, as well as an optimized thermal management. Carbon fibers are ideal for especially stressed structures or load-bearing elements, such as the underbody panels and side frames. For components subjected to less stress, such as battery box covers, glass fibers or a fiber mix may suffice.

"Driven by advancing developments in electromobility worldwide, our innovative solutions for battery enclosures made of fiber-reinforced plastic are becoming more and more of a growth driver for SGL Carbon," explains Sebastian Grasser, Head of Automotive Segment in the Composites – Fibers & Materials business unit at SGL Carbon.

In addition to the new application for the hybrid model battery enclosure, SGL Carbon will continue producing the usual components made of carbon-fiber-reinforced plastic for the BMW i3 and delivering materials for the Carbon Core body of the BMW 7 series, and has been nominated as the supplier for all carbon materials - fibers, textiles, stacks - for the BMW iNEXT, set to be launched in 2021.

For years, SGL Carbon has supplied several automotive manufacturers with carbon materials and composite components, from sports car parts to large-scale deliveries of leaf springs and structural components.

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About SGL Carbon

SGL Carbon is a technology-based company and world leader in the development and production of carbon-based solutions. Its high-quality materials and products made from specialty graphite and composites are used in industrial sectors that determine the future: automotive, aerospace, solar and wind energy, semiconductor and LEDs as well as in the production of lithium-ion batteries, fuel cell and other energy storage systems. In addition, SGL Carbon develops solutions for chemical and industrial applications.

In 2019, SGL Carbon SE generated sales of around 1.1 billion euros. The company has approx. 5,100 employees at 31 locations in Europe, North America, and Asia.

Materials, products and solutions from SGL Carbon are embedded in the major topics of the future: sustainable mobility, new energies and cross-industry digitization. Further developments in these areas demand more intelligent, more efficient, networked and sustainable solutions. This is where the entrepreneurial vision of SGL Carbon evolves around: contributing to a smarter world.

Further information on SGL Carbon can be found at www.sglcarbon.com/press.

Important note:

To the extent that our press release contains forward-looking statements, the latter are based on information that is available at present and on our current forecasts and assumptions. Forward-looking statements, by their very nature, entail known as well as unknown risks and uncertainties that may lead to actual developments and events differing substantially from the forward-looking assessments. Forward-looking statements must not be understood to be guarantees. Instead, future developments and events depend on a large number of factors; they comprise various risks and imponderables and are based on assumptions that may possibly turn out not to be appropriate. These include unforeseeable changes to fundamental political, economic, legal and societal conditions, particularly in the context of our main customers' industries, the competitive situation, interest and exchange rate trends, technological developments as well as other risks and uncertainties. We perceive additional risks e.g. in pricing developments, unforeseeable events in the environment of companies acquired and Group member companies as well as in current cost savings programs from time to time. The SGL Carbon assumes no obligation and does not intend to adjust or otherwise update these forward-looking statements either.

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