

SGL Carbon receives substantial contract for composite battery enclosures from North-American automaker

- New composite e-mobility application gains substantial momentum
- Strengthening regional footprint in North America
- Potential for further significant extensions

Following the production of first prototypes of battery enclosures for a Chinese automotive manufacturer in 2018, SGL Carbon has now received a substantial contract from a North-American automaker for high-volume serial production of carbon and glass fiber-based composite top and bottom layers for battery enclosures. The serial production of the components will start end of 2020. The carbon fibers and fabrics as well as the assembled components come from SGL Carbon's fully integrated value chain. On top of this order, there is the potential for more significant extensions with further substantial volumes for the shared platform business of the manufacturer.

In addition, SGL Carbon has won a smaller volume contract from a European sports car manufacturer to serially produce bottom layers made of composite as of mid-2020. The company is additionally in talks with further automakers to develop and manufacture battery enclosure solutions for their e-car platforms.

"Driven by the increasing need for e-cars worldwide and thus for new flexible chassis platforms, our composite battery enclosures are a very promising new application in our product portfolio. The recent contract wins show that our approach of developing custom-made solutions based on our integrated value chain offers an excellent value proposition", says Sebastian Grasser, Head of Automotive Segment at the business unit Composites – Fibers & Materials at SGL Carbon.

One key part of any e-car chassis platform is the enclosure of the battery which usually occupies most of the space in the underfloor of the chassis and has various very specific requirements far beyond low weight. The battery cases also need to be very stiff to support driving dynamics. In addition, the material has to protect the underbody against impact, enable an optimized thermal management and offer excellent fire protection as well as complete water and gas impermeability. All these requirements are met by composites much better than by any other material. With these advantages, composite battery enclosures perfectly fit to e-car-specific and highly flexible chassis variants, so-called "skateboard" platforms, to be used as a basis for a great variety of different e-car models.

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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 2018, SGL Carbon SE generated sales of around 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.sgllcarbon.com/press

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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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