

Webasto: System Solutions for Electromobility

Stockdorf/Munich – September 10, 2019 – With long-standing experience as a system partner and with its electronics expertise, Webasto demonstrates its comprehensive system competence for electromobility at this year's IAA (**Hall 8.0, Booth 10D**). The product portfolio in this area currently includes high-voltage heaters and battery systems as well as charging solutions and roof systems for electric and hybrid vehicles.

Webasto already has a powerful electric water heating system in its portfolio for temperature control of the interior and the traction battery: the **High-Voltage Heater (HVH)**. The device heats the battery and creates pleasant temperatures in the interior, making optimum use of efficiency. Thanks to the effective layer heating technology, the device converts the stored electrical energy into heat with a constant efficiency of over 95 percent almost without loss. The models of the Webasto High-Voltage Heater are designed for on-board voltages from 250V to 870V and are available in the 5.7kW and 10kW power ratings. To ensure maximum safety and robustness even at high voltages, multi-level, redundant safety measures are integrated in the Webasto HVH. In addition, it converts optional voltage peaks from the vehicle electrical system into heat and thus additionally relieves the vehicle battery. This gives Webasto-batteries a particularly good performance and service life. To further optimize the system, Webasto is also developing a comprehensive thermo management module for battery systems.

In addition, Webasto has developed a reliable, cost-optimized battery system. The special advantage of the Webasto "**Standard Battery System**" is its modular design: The product development process is shortened by using standardized modules. This significantly reduces development costs. Thus the customer is offered an individualized battery system at attractive conditions with the well-known Webasto quality, even for small quantities. In addition, this design enables individual, flexible adaptation to current technological developments and customer-specific requirements. Up to 10 battery modules can be coupled, the associated "Vehicle Interface Box" (VIB) as interface between battery system and vehicle takes over the corresponding system configuration and programming.

With the combination of hardware, installation, service and connectivity, Webasto also offers high-quality **Charging Solutions** from a single source that enable safe and easy charging of electric vehicles. The product portfolio includes basic charging stations for home use, Webasto Pure and TurboDX, the new intelligent charging station Webasto Live and the portable TurboCord.

For the specific architecture of a hybrid sports cars, Webasto has developed a unique convertible top that makes optimum use of the limited installation space. The segments of the roof system rotate during the opening process and stow vertically in the soft top box. Webasto was nominated and awarded with the BMW Supplier Innovation Award (SIA) in the category "Efficient Dynamics" for the front bow in this convertible roof system.

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About Webasto:

The Webasto Group is a global innovative systems partner to almost all automobile manufacturers and among the top 100 suppliers in this industry sector. The company's product portfolio comprises a broad range of roof and heating systems for every type of vehicle and all drive types as well as battery systems and charging solutions. Moreover, Webasto has a strong position in the aftermarket providing dealers and end customers with customized solutions and services relating to thermo management and electromobility. In 2018 the company generated sales of 3.4 billion euros and had over 13,000 employees at more than 50 locations (with over 30 of these being manufacturing plants). The headquarters of the company, founded in 1901, is located in Stockdorf near Munich (Germany).

For more information please visit www.webasto-group.com / www.twitter.com/WebastoGroup

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