



HELLA receives Innovation Award in China for battery module solutions

Industry Developing & Innovation Award recognizes PowerPack 48 Volt and Dual Voltage Battery Management System as key enablers for CO₂ savings in mild hybrids

Lippstadt, December 1, 2020. Against the background of ever tightening emission targets, the 48V mild hybrid powertrain is a cost-efficient bridging technology to support car manufacturers to achieve emission targets in short and medium term. The lighting and electronics expert HELLA supports the path to clean mobility and accompanies customers comprehensively on their way to electromobility. Based on its component competence, HELLA supplies subsystems in the field of electromobility. Core products in this context are innovative system solutions for mild hybrids such as the PowerPack 48 Volt and the Dual Voltage Battery Management System. With these innovative battery module solutions, HELLA is one of the first on the market. The battery module solutions were named one of the most innovative projects in the automotive industry by Automobile and Parts, one of the leading industry magazines in China.

“Winning the Industry Developing & Innovation Award is an important acknowledgement of the development work by HELLA’s team and it confirms HELLA’s commitment to make driving more efficient with innovative solutions for battery and power electronics,” said Michael Weitert, Vice President at the HELLA Technical Center in Shanghai when receiving this award. “The Dual Voltage Battery Management System and PowerPack 48 Volt provide key enablers for CO₂ savings in mild hybrid vehicles.”

For larger vehicles, HELLA developed the Powerpack 48 Volt. It connects a lithium-ion battery block with the BMS and DC/DC converter. For the compact class there is the Dual Voltage Battery Management System which bundles the conventional, separate core elements of 48 V hybridisation (48 V battery, 12 V battery and DC/DC converter) in a single product with the package space of a conventional lead-acid battery. The new solutions enable savings of 5 to 6 grams of CO₂ per kilometer and thus help to achieve CO₂ targets in the short term.

PRESS RELEASE



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