

At a glance ...

Deutsche ACCUMOTIVE

Product advantages

The company **Deutsche ACCUMOTIVE GmbH & Co. KG** was founded in 2009 in order to promote the industrialization of vehicle-focused lithium-ion technology. Its main objective is the development of high-performance, reliable and long-life batteries that are also competitive.

In the town of Kamenz (northeast of Dresden), ACCUMOTIVE, which is a wholly-owned Daimler subsidiary, manufactures batteries for electric and hybrid cars. Since 2015, the company also produces the stationary **Mercedes-Benz Energy Storage Home** – made in Germany.

The company's head office and research & development facilities are based in the town of Kirchheim unter Teck/Nabern in the south-west of Germany, where its proximity to the development sites run by Daimler in Sindelfingen and Ulm enables it to concentrate on the vehicle-focused development of battery technology. In addition, ACCUMOTIVE can benefit from Daimler's know-how, longtime experience and international network.



 **Made in Germany**

Longevity and efficiency

- Maximum system efficiency: 97 %
- Depth of discharge (DOD): 80 %
- Expected residual capacity after 10 years: > 80 %
- Advanced lithium-ion technology with a long service life (nickel, manganese, cobalt)
- Expected number of cycles: 8,000

Handling and equipment

- Modular system structure: Eight modules à 2.5 kWh can be connected in series, scalable to 20 kWh
- Customizable configuration allows for floor- or wall-mounted installation
- Battery management system with web-interface for monitoring purposes

Reliability and safety

- Closed safety circuit
- Developed and produced in Germany
- Spare parts available up to 14 years after purchase

Variability and functionality

- Suitable both for new and existing installations
- Compatible with SMA Sunny Island series
- 1-phase backup function in combination with SMA Sunny Island series
- 1-/3-phase systems possible