

48 V battery performance

Hybridization with automated driving functions and improved safety in the 12V board net



Powertrain and electrified mobility



Up to
15 %

CO₂ reduction thanks to large energy storage that stores the recuperation energy and use it for acceleration at minimal system costs

- The 48 V battery performance stores the recuperated braking energy and powers the propulsion system and the 12V board net
- Functional safety (ASIL C) provides high reliability and enables automated driving functions
- Thanks to liquid cooling the battery maintains a high availability over its lifetime
- Technical data: 13 kg, 17,5Ah of capacity, 23 kW peak power, 770Wh nominal energy

High
reliability

by ensuring a stable power supply of the 12V board net. Failures of safety-critical functions such as electric steering and braking are avoided