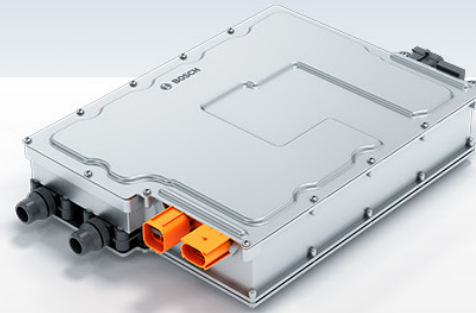


Charger-converter



Combined system solution of an on-board-charger and a DC/DC converter



An innovative solution for charging possibilities within electric vehicles



excellent
**cost-benefit
ratio**

through leading-edge components combined
in one single compact design

high
flexibility

through modular design allows customer-
specific applications and grid requirements

- ▶ Compact packaging size and weight reduction due to integration of charger and converter in one entity
- ▶ In-house silicon carbide semiconductors for more efficiency and smaller size as well as high supply security and reliability
- ▶ High flexibility due to full charging power in 1-ph and 3-ph alternating current (AC) grids
- ▶ High-efficient firmware-over-the-air-update is supported