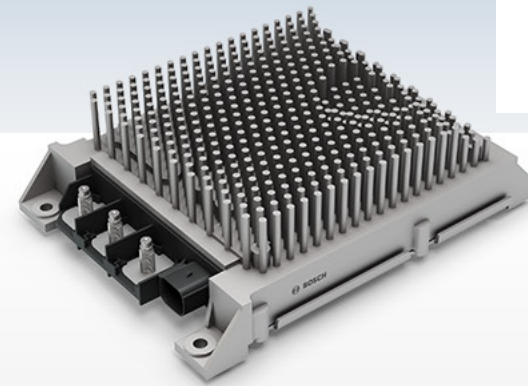
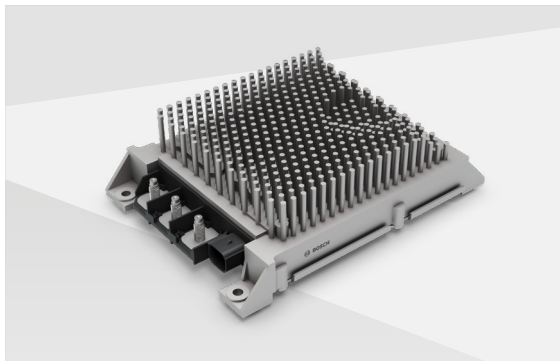


48 V DC/DC converter

Compact design and flexible installation options



High-performance 48V DC/DC converter



up to

95 %

efficiency thanks to multi-phase design

up to

2.5 kW

rated output in buck mode

- ▶ The 48V DC/DC converter converts electric energy from 48V to 12V and vice versa. It can be used, for example, in boost recuperation systems.
- ▶ It provides stable energy to the 12V electrical system independent of the engine speed.
- ▶ Thus, it supports innovative fuel-saving driving applications, such as advanced start-stop, regenerative braking or coasting.
- ▶ The 48V DC/DC converter has been specially designed for cost-efficient mass hybridization.