

48 V hybrid solutions

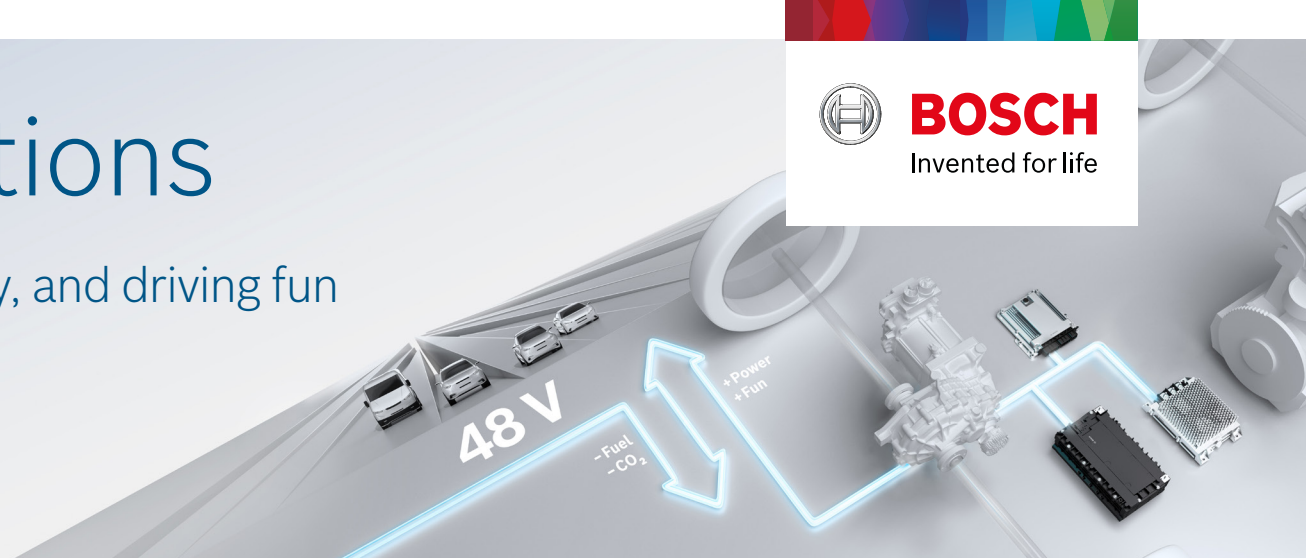
Fewer CO₂ emissions, more efficiency, and driving fun



BOSCH
Invented for life



Powertrain systems and electrified mobility



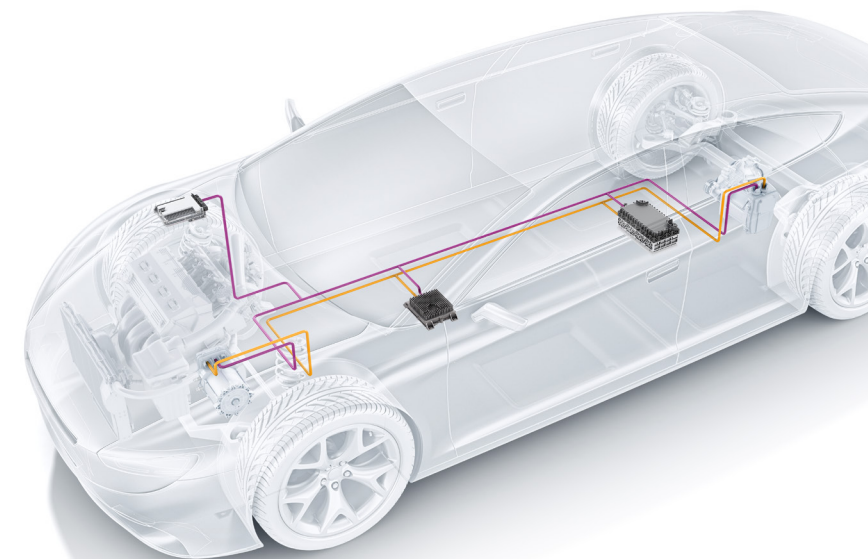
Reliable and compact components for entry to electrified mobility

up to
15 %

less CO₂. 48 V systems make a significant contribution to achieving CO₂ targets.

more
efficiency

with hybrid functions such as advanced start-stop, regenerative braking, and coasting



- ▶ With the 48V hybrid solutions, Bosch facilitates entry to powertrain electrification for passenger cars.
- ▶ The solutions enables electric driving modes for coasting, traffic jam assist or highly-automated parking. This helps to considerably reduce fuel consumption and local emissions.
- ▶ Electrical energy, which is gained through recuperation, is utilized to supply the electrical 48V power net as well as charge the 48V battery.