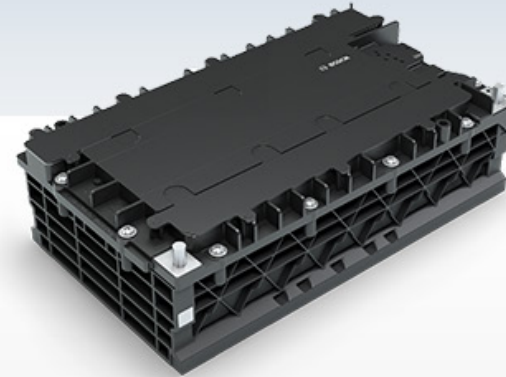


48 V battery

Compact energy storage for low-voltage hybrid systems



The 48V battery is nearly noiseless thanks to its passive cooling



90 mm

of height enables flexible installation in the vehicle.

resource-friendly

Through the use of 48V hybrid solutions CO₂ emissions can be reduced.

- ▶ Along with the electrical machine and the 48V DC/DC converter, the 48V battery is the central component in the 48V system.
- ▶ It stores recovered braking energy, subsequently delivering it directly to the electric drive and supplying the vehicle electrical system.
- ▶ During deceleration, the electrical machine recovers energy which is then stored in the battery. This energy can be used to provide boost assist or for the stabilization of the boardnet.
- ▶ Technical specifications: 6 kg of weight, 8 Ah of capacity, 14 kW of charge and 11 kW of discharge power (10 s, BOL, 25 °C, 50 % SOC)