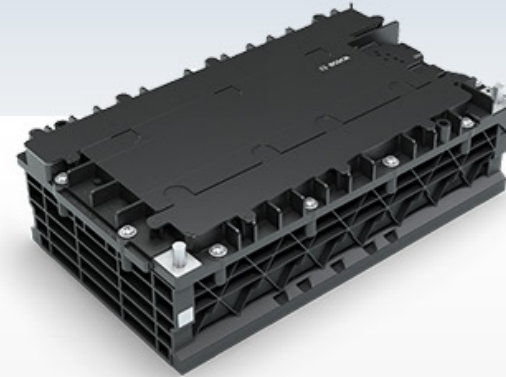


48 V battery

Compact energy storage for low-voltage hybrid systems



Only 90 mm of height enables flexible installation in the vehicle



noiseless

The 48V battery is nearly noiseless thanks to its passive cooling, which increases vehicle comfort.

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)