

# eDS – electric Drive System Low HE

High-voltage complementary eDrive system for electric AWD. Power range from 80 kW to 120 kW, optimized for 800 V.



## Features and Specifications

- Peak axle power: 100 kW for 20 s
- Peak axle torque: 2,000 Nm
- Cont. power: 35 kW
- Output speed: 1,650 rpm
- Weight: < 72 kg
- Functional feature: Decoupling

Values valid for voltage level: 640 V

## Competitive advantage/differentiators

- **Efficiency**  
Highly efficient inverter with SiC technology  
Lowest drag losses by new decoupling system
- **Safety & dynamics**  
Enabling longitudinal torque vectoring
- **Package & weight**  
New differential-integrated decoupling system  
Very compact high-speed e-motor
- **Sustainability**  
Carbon-free manufacturing in EU plants  
Reduced usage of heavy rare earth content

## Applications/benefits

- Battery electric vehicles
- C,D, E segment vehicles
- Secondary propulsion
- Boost & regeneration modes

SOP

