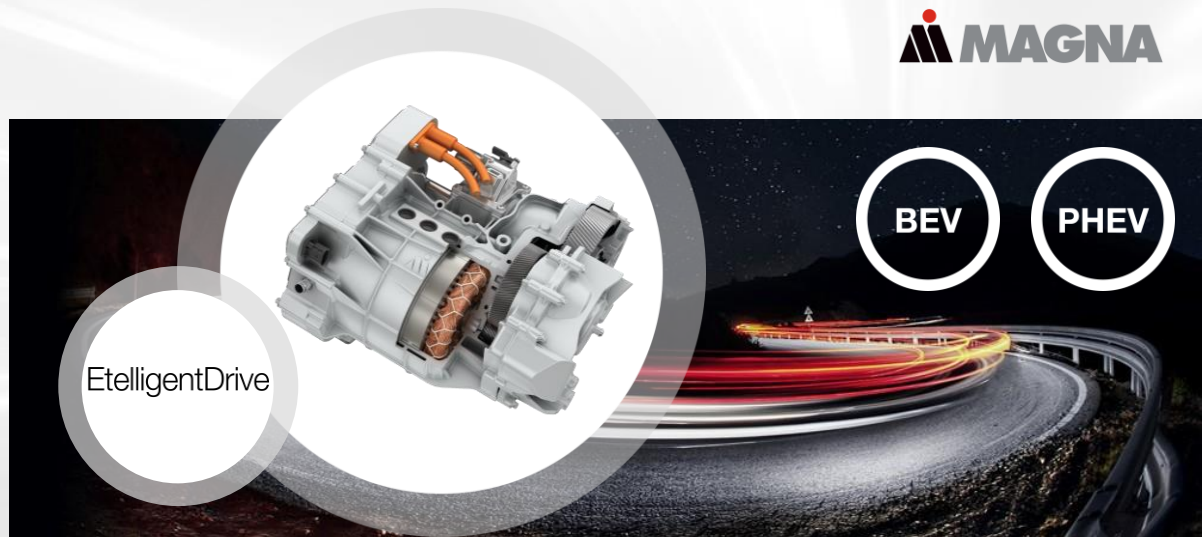


eDS – electric Drive System Mid+ w/ Decoupling+

The eDrive system is equipped with Decoupling+ a combination of an integrated decoupling unit and a predictive controls strategy. Together with next-gen technology options in the e-motor, inverter, gearbox and intelligent software strategy it contributes to best-in-class efficiency, safety, convenience and dynamics.



Features and Specifications

- Peak axle power: 160 kW for 30 s*
- Boost axle power: 204 kW for 7 s**
- Peak axle torque: 4,000 Nm
- Cont. axle torque: 2,000 Nm
- Output speed: 1,400 rpm
- Feature: Decoupling+

*Nominal battery voltage 350 V

**Nominal battery voltage 400V

Competitive advantage/differentiators

- **Efficiency**
35 W drag loss at 50 kph or
94 % max. efficiency
91.6 % avg. efficiency WLTC
- **Safety**
< 200 ms fast reconnect time
- **Convenience**
1 ms control loop of native speed interface
- **Dynamics**
+ 8 % torque boost (7 sec.)
+ 22 % power boost (7 sec.)

Applications/benefits

- C, D, E, VAN Segment BEVs / PHEVs

