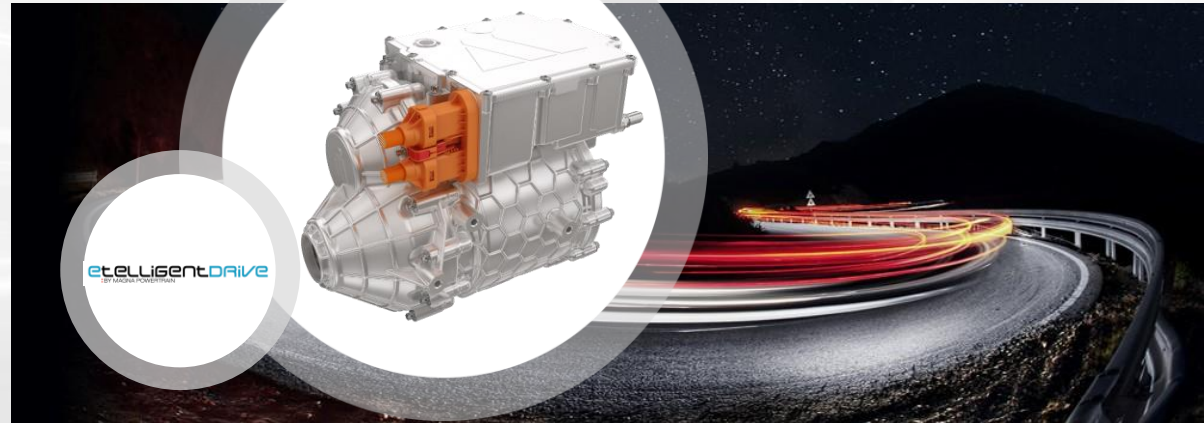


eDS – electric Drive System

Efficiency is the focus with an oil cooled induction motor, low mechanical losses with a shrouded reduction drive and value based power modules.



Features and Specifications

- Up to 78 kW for 30 sec with 1,620Nm at the wheels
- Dual cooling system
 - Internal Oil cooling of stator/rotor
 - External Coolant jacket – inverter/stator
- Fulfills safety integrity level ASiL “C”
- System Mass: 55kg

Core Technology

Inverter

- Optimized design for integration
- Rating_{Peak} 450V_{dc} / 380A_{rms}

Gearbox

- Compact single speed gearbox
- Offset and coaxial architecture available

- Optional park lock or disconnect
- ### E-Motor
- ASM AL-Rotor or Optional PSM technology
 - Continuous Power; 19kW / 43Nm
 - High speed up to 14,000rpm

