

eDS – electric Drive System Mid+

Power range from 120 kW to 160 kW

Primary drive dedicated to midsized EVs or secondary drive for large or premium EVs.



Features and Specifications

- Up to 160 kW for 30 sec and 4,000 Nm at the wheels
- Fulfills safety integrity level ASIL “D”
- Inverter attached design for integration
- Optional park lock or disconnect
- Torque vectoring available
- E-Motor with PSM technology and outer diameter of 235 mm

Competitive advantage/differentiators

- Optimized and scalable to best-in-class efficiency (aiming > 95% peak efficiency)
- Best-in-class drivability, performance, safety with TV option
- Optimized and flexible package
- Affordable cost

Applications/benefits

- Battery Electric Vehicle / Hybrid
- Passenger / SUV / CUV / LCV
- Primary propulsion
- Secondary drive capability

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production