

eDS – electric Drive System Low

Power range from 60 kW to 90 kW
Scalable from 400V to 800V boardnet

Compact secondary boost drives for midsize EVs.



Features and Specifications

- Up to 90 kW for 30 sec
- Dual cooling system
 - Internal oil cooling of stator/rotor
 - External coolant jacket – inverter/stator
- Fulfills safety integrity level up to ASiL D and cybersecurity according ECE regulations

Competitive advantage/differentiators

- Best-in-class drag torque
- Dedicated design for EV platforms
- Modular scalable building block approach
- Affordable cost

Applications/benefits

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

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production