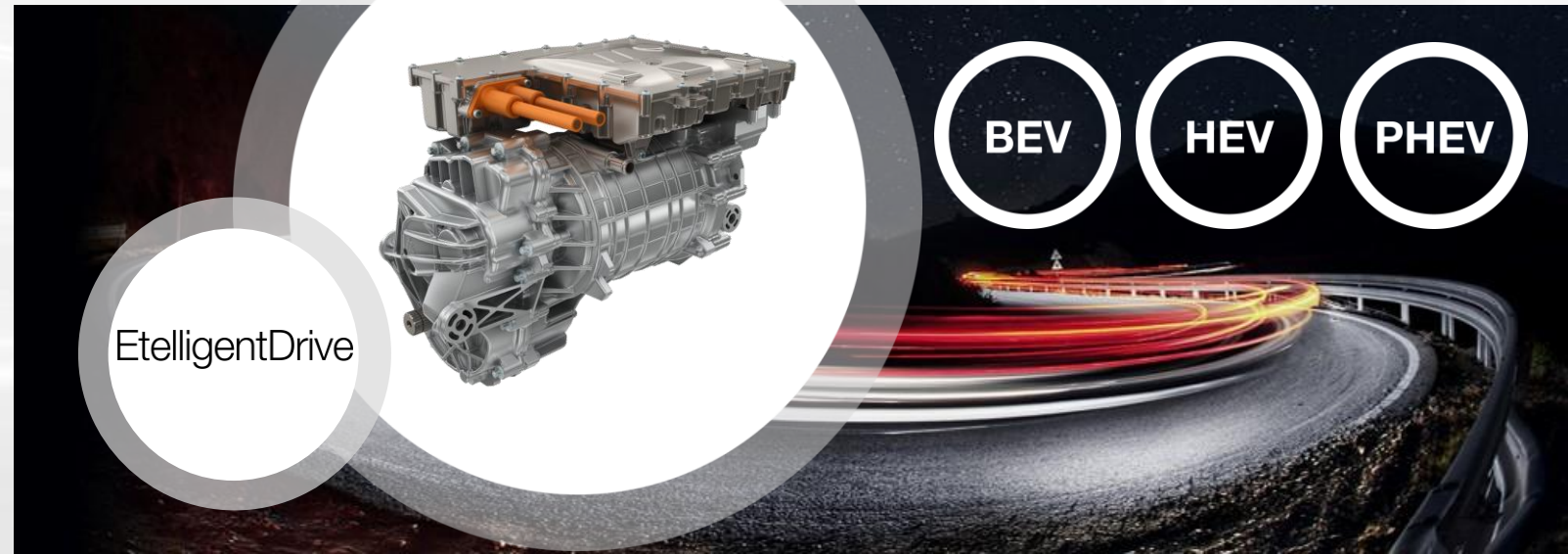


# eDS – electric Drive System Low HE

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

Compact, highly efficient secondary drive for midsize EV's or Px4 PHEV's.  
Efficient primary drive for small 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
- Features integration of parklock and decoupling
- Fulfills safety integrity level up to ASiL D and cybersecurity according ECE regulations
- Can be applied to hybrid and battery electric vehicles

## Competitive advantage/differentiators

- Optimized efficiency (app. 90% average @ WLTC)
- Best-in-class E-Motor size and flexible package
- Scalable design from PHEV to EV
- Enabling etelligent launch vehicle function by advanced speed control interface
- Modular scalable building block approach
- Affordable cost

## Applications/benefits

- Battery electric vehicles
- Hybrid electric vehicles
- B, C, D segment BEVs
- C, D segment PHEVs
- Secondary drive system
- Primary propulsion capable
- Boost & regeneration modes

