

# Dedicated Hybrid Drive DHDplus

The DHDplus is part of the 400 family and uses a smart modular scalability approach for high torque, high voltage (HV) applications. The DHDplus is reduced to 5 gears (acting as a dedicated hybrid drive) with eLaunch, eReverse and two gears in electric driving; full powershift capability in all modes.



## Features and Specifications

- Maximum ICE torque: 400 Nm  
E-boost up to 500 Nm
- E-motor: 120 kW @350 V  
200 Nm peak
- Installation length: 360 mm
- Center distance: 197 mm
- Weight: 113 kg w/ oil, w/o DMF,  
w/ inverter

## Competitive advantage/differentiators

- Best-in-class efficiency leading to extended range and reduced operating costs
- Best-in-class torque-to-weight ratio
- Integrated system with compact design and no increase in packaging length
- Adjustable drivability by software and clutch modulation, and customizable driving modes
- Charge at standstill and creep

## Applications/benefits

- Dedicated for high-voltage applications
- High electrical power enabling high pure electric vehicle speeds
- Excellent mechanical efficiency by adopting 7DCT400 building blocks
- Powershift in E-mode and eCrawler option

SOP

Ideation

Discovery

Concept

Development

Serial Preparation

in Production