

# eDS – electric Drive System Low- CE

Power range from 45 kW to 80 kW, scalable from 400V to 800V boardnet.

EV dedicated compact secondary 2-in-1 boost drives for midsize EVs.



## Features and Specifications

- Peak axle power: 45 kW for 10 s
- Peak axle torque: 1,385 Nm
- Cont. axle torque: 400 Nm
- Output speed: 1,385 rpm
- Main dimensions (x-y-z): 331-431-268 mm

## Competitive advantage/differentiators

- **Efficiency**  
160 W @ 600 rpm drag losses
- **Safety**  
1,385 Nm front axle torque
- **Convenience**  
Preventing secondary NVH measures
- **Dynamics**  
45 kW peak power on front axle

## Applications/benefits

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

SOP

