

EV用ワイドレンジドライブシステム

Wide Range Drive System for EV

EXEDY

開発中
Under Development

コンセプト

Concept

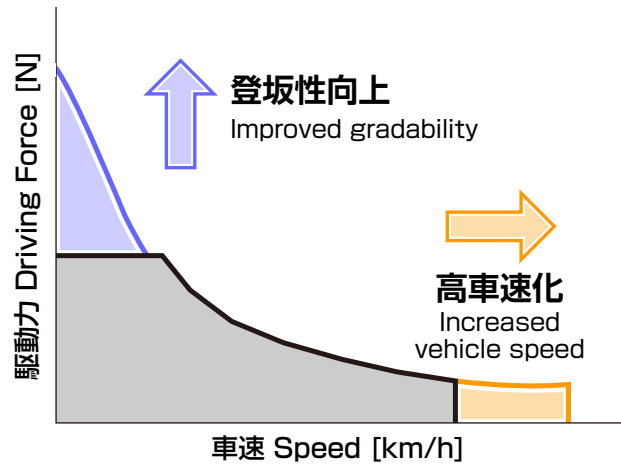
登坂性能と高車速化を両立する低コストなシステム

A low-cost system that achieves both gradability and high vehicle speed

狙い

Aim

- **駆動性能向上** Improved driving performance
 - 登坂性向上 Improved gradability
 - 高車速化 (high ギア化による) Higher vehicle speed (due to higher gear)
- **電費改善** Improved electricity efficiency
 - 専用モータ化で電力消費低減 Power consumption reduction by the use of a dedicated motor.
- **振動低減** Vibration reduction
 - 流体による滑らかな駆動 Fluid contributes to smoother drive
- **モータ、インバータ発熱低減** Reduced heat generation of motor and inverter
 - モータ、インバータ低コスト化 Cost reduction of motor and inverter
 - ロバスト性向上 Improved robustness
- **低出力化** Lower output
 - モータ、インバータ小型化 (駆動性能同等条件) Downsizing of motor and inverter (with equal drive performance conditions)



適応車両：乗用車、商用車、産建機
超小型モビリティ

for passenger cars, commercial vehicles,
industrial and construction machineries,
ultra-compact mobility solutions

- **商用車両向けシステムを開発中**
(25年3月プロトタイプ車両の完成予定)
Currently developing a system for commercial vehicles
(Prototype vehicle scheduled for completion in March 2025)

構成図

Configuration Diagram

