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# EV Powertrain

## Product Spec

Series ..... T Power

Max. Power ..... 50kW~120kW (Modularized design)

Max. Speed ..... 0~10,000rpm

Voltage ..... 336 Vdc

Cooling ..... Liquid Cooling

Dimensions ..... Ø30 x 308 mm (90kW)

Protection Class ..... IP67 dust- and water-proof





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# EV Powertrain



## Product features and advantages

- ▶ High-efficiency permanent-magnet synchronous motor with modularized design
- ▶ Conform to ISO 26262 for auto safety
- ▶ Compact size, 25% less in size and 15% less in weight than comparable motors on market, with power output 1.8 times that of the latter
- ▶ Jacket water cooler, high heat-dissipation capability, power densities stand at 6.4 kW/L and 19.3 kW/L, respectively, for motor and driver, with DOE targets reaching 12% and 40%
- ▶ Case with high-strength aluminum-alloy frame, strengthened rigidity, high reliability
- ▶ IP67 dust- and water-proof, high environmental endurance, applicable in various passenger cars



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# Light-Duty Commercial Vehicle Powertrain

## Product Spec

Series ..... T Power 50

Max. Power ..... 50kW

Max. Speed ..... 0~8,000rpm

Voltage ..... 300 Vdc

Cooling ..... Liquid Cooling

Dimensions ..... 288 x 329 x 321 mm

Protection Class ..... IP67 dust- and water-proof





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# Light-Duty Commercial Vehicle Powertrain

## Product features and advantages

- ▶ Permanent-magnet synchronous electric base with high-efficiency wide operating range
- ▶ Conform to ISO 26262 for auto safety
- ▶ Jacket water cooler, high heat-dissipation capability, high power-density electric machine
- ▶ Case with high-strength aluminum-alloy frame, strengthened rigidity, high reliability
- ▶ IP67 dust- and water-proof, high environmental endurance, applicable in various commercial cars