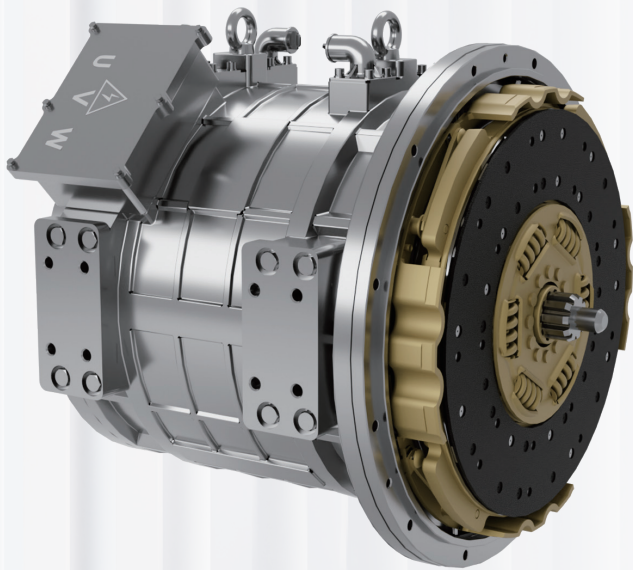


# Range Extender Driving System

## H<sup>®</sup>-S150 / H<sup>®</sup>-S260



- Adopting a permanent magnet synchronous motor+clutch scheme, the structure is simple and compact. The engine directly drives the generator through the clutch, without a gear reduction mechanism, reducing the loss of mechanical transmission efficiency;
- The rated operating point of the generator and the range extender are fully coupled to achieve the highest efficiency of energy replenishment;
- Mass-produced products with mature technology and stable and reliable quality;
- Compared to a dual motors system, it reduces the number of gear reduction mechanisms and a set of motor electronic controls, while reducing the number of electric accessories in the power generation system, reducing the complexity of circuit design and assembly, and reducing the number of fault points.

### Standard Load

Typical model	4×2、6×4、8×4
Rated power (kW)	150
Rated torque (Nm)	1,080
Rated speed (r/min)	1,326
Peak power (kW)	250
Peak torque (Nm)	1,900
Max speed (r/min)	3,500

### Heavy Duty Load

Typical model	4×2、6×4、8×4
Rated power (kW)	260
Rated torque (Nm)	1,300
Rated speed (r/min)	1,910
Peak power (kW)	400
Peak torque (Nm)	2,500
Max speed (r/min)	3,000

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Learn more at  
<http://en.shtopgear.com>