

SSRD-HP – Ultimate, Sustainable eMotor Performance



1. Ultimate Performance – unique, *patented* motor technology delivers unparalleled power density, with no environmental compromise

2. No Rare Earth Magnets - lower cost, improved sustainability and reduced supply risk compared to permanent magnet (PM) motors

3. No Copper Windings – *patented* winding technology offering lower mass, with no loss of performance, and a uniquely recyclable solution

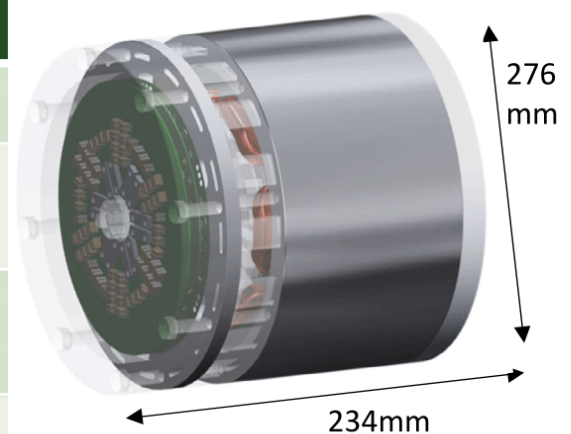
4. Integrated Power Electronics – next generation power electronics fully integrated with the motor, reducing integration complexity

5. Designed for Volume Manufacture - Production line established in the North East of England, capable of building 12000 units per year

6. Efficient where it Counts - design optimised to be more efficient than a PM or induction motor at normal commercial vehicle operating points

7. High Temperature Operation - no risk of demagnetisation at higher temperatures enabling a shared coolant loop with the IC Engine

Parameter	Performance
Torque	325Nm
Power (Peak / Continuous)	To 300kW / 150kW
Efficiency	>95% from 4000rpm to 8000rpm
Mass	44kg (dry)



All specifications subject to change without notice