



Discover the leader in advanced electric
motor technologies **Remy Electric Motors**

REMY ELECTRIC  MOTORS™

A New Breed of High Performance Technology

A century of experience and innovation has spawned an electric motor with unbridled **power density and torque**. Innovative HVH™ technology has revolutionized the market. It provides customers with a high-performance motor in a small package that is easily integrated into nearly all hybrid and electric applications.

The Remy HVH has proven to be a versatile and reliable workhorse.

With over **1 billion miles of proven reliability** and powering applications ranging from sports utility vehicles and trucks to large transit buses, this beast has shown it can't be tamed.

Take a closer look inside and see why the Remy HVH electric motor is so **powerfully unique**. Then give us a call to see how easily we can make an immediate impact on your electric or hybrid application.



Superior Patented Technology of the Future



A Look Inside Remy HVH Technology

High Voltage Hairpin (HVH™)

Remy HVH electric motors owe both their name and exceptional performance to the proprietary High Voltage Hairpin stator windings. In contrast with conventional round-wire windings, the HVH stator winding uses precision-formed rectangular wires. Multiple layers of interlocking “hairpins” produce superior slot fill and shorter end turn space which reduces heat and improves the motor’s torque and power density.

Low-Weight, Compact Size

Reducing overall size and mass of the motor with HVH technology drives cost reductions and performance improvements throughout vehicle applications. A smaller, more efficient HVH motor provides greater placement flexibility within a vehicle.

Highest Power and Torque Density

Remy HVH patented winding technology provides more power and torque density than any other competitor. It also provides customers with better continuous power than any other motor on the market.

Superior Cooling

Operating temperatures are lower and more easily controlled due to the hairpin design and liquid and oil cooling options. The HVH thermal performance enables system and vehicle builders to save on secondary cooling loops without sacrificing performance.

Standardization Lowers Costs

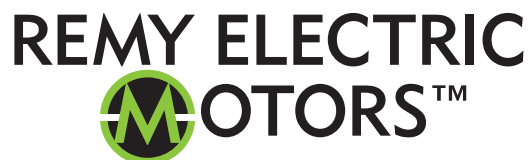
Our scalable dual-platform offers a full portfolio of products that support both light duty and heavy duty markets. Our standardized motors simplify the design process for vehicle manufacturers while reducing up-front costs and enhancing performance and reliability. Our engineers and design specialists will work with you to choose the architecture that’s right for your custom specifications.

Available Today Around the World

Remy can manufacture over 100,000 electric motors per year. We have more traction motors on the road than any other independent motor supplier in the world. Our worldwide network of engineering and design capabilities, manufacturing facilities, distribution and supply chain partners enables us to serve clients in every corner of the globe with unsurpassed capacity, flexibility and customer services. Whatever you need, wherever and whenever you need it – Remy delivers.

Remy HVH250 and HVH410 Platforms

Remy has developed two electric motor platforms with different power and torque outputs that provide our customers many customized options to fit their specific electric or hybrid application needs. The Remy HVH250 and HVH410 electric motor platforms are available in both permanent magnet and induction versions to provide cost/performance tradeoff options.



HVH250

Models – HVH Standard (S), High Torque (HT)
60-150kW continuous power
75-200kW peak power
200-300N-m continuous torque
330-410N-m peak torque



HVH410

Models – HVH Standard (S), High Torque (HT)
75-250kW continuous power
120-275kW peak power
550-1100N-m continuous torque
830-1650N-m peak torque

Remy Electric Motors is fully equipped to serve both large and emerging OEMs and system integrators around the world seeking to work with the best.

Commitment to Fuel Efficiency

Every product we design is focused on powertrain efficiency—reducing the amount of fuel required to create electricity, which diminishes the carbon footprint of every vehicle with Remy technology.

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REMY ELECTRIC  MOTORS™

Ready to Power Your Future™

Subsidiary of Remy Inc., 