

We are the motor – for e-mobility solutions.



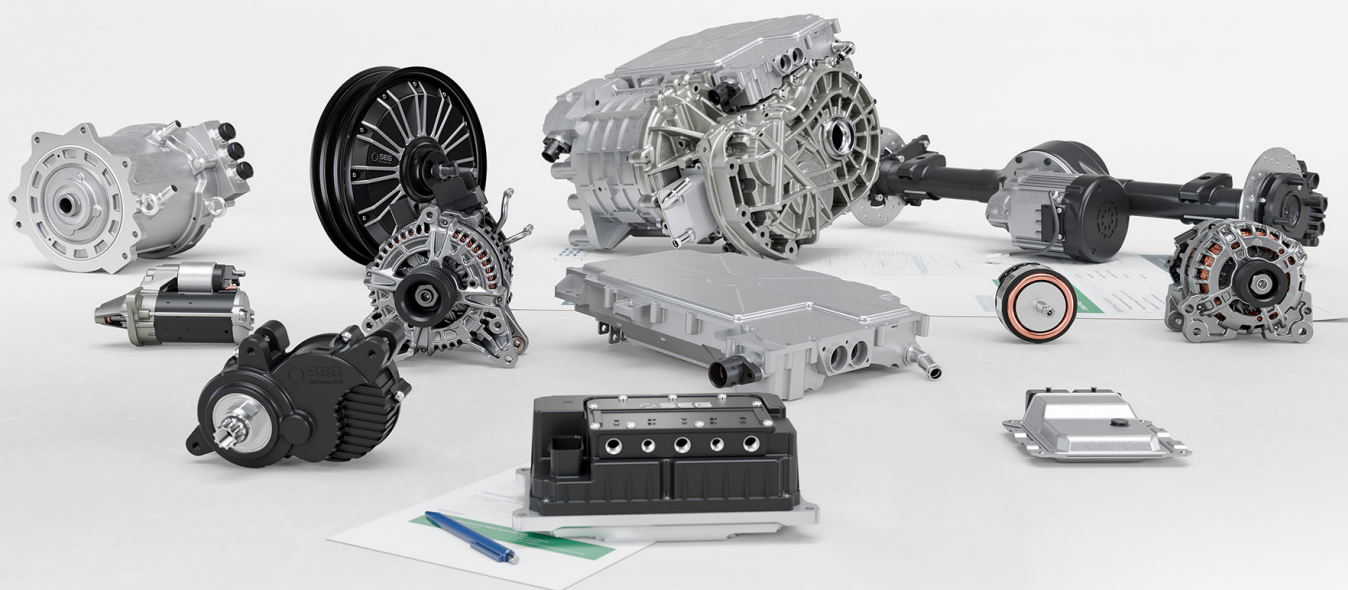
Built on Automotive Excellence. _____

SEG Automotive has been a trusted partner to the global automotive industry for more than 100 years, delivering high-performance, durable, and cost-competitive products that meet the highest quality standards for OEMs worldwide.

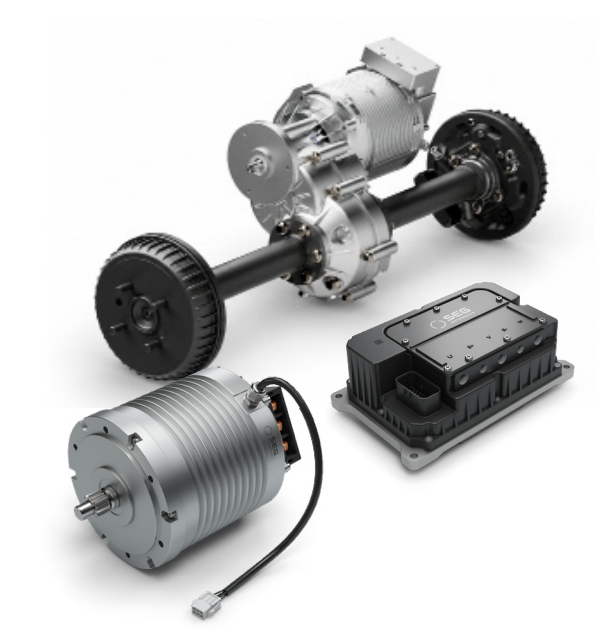
Headquartered in Stuttgart, Germany, SEG Automotive operates in the world's most important automotive markets, supported by a diverse and cross-cultural team of more than 6,000 employees across 14 countries. As the automotive industry transitions from conventional powertrains to electrification, SEG Automotive is actively shaping this transformation with efficient technologies that improve fuel economy, reduce CO₂ emissions, and enable sustainable mobility solutions across a wide range of applications.

With a global network of engineering and production facilities, SEG Automotive combines local expertise with worldwide capabilities to deliver innovation, quality, and reliability to customers around the globe.

Building on its extensive experience in automotive electrification, SEG Automotive also offers a comprehensive portfolio of Light Electric Mobility (LEM) solutions, including e-machines and controllers for a wide range of applications such as two-wheelers, three-wheelers, L7e vehicles, small commercial vehicles, low speed vehicles (LSVs) and golf carts. Available in different power classes and installation topologies, these solutions enable efficient electric driving functions while contributing to cleaner and more sustainable mobility.



Scalable e-Drive Solutions for Golf Carts & LSVs.



Specification	LEM 6/40	LEM 9/50	LEM 16/80
Rated Voltage (V)	48/60/72		
Peak Power (kW)	6.0	9.0	16
Rated Power (kW)	4.5	5.5	7.0
Peak Torque (Nm)	41	49	75
Peak Speed (Rpm)	6500	6700	7200
Motor Peak Efficiency (%)	>90		
Max Current (DC) For 48V System	150	220	380
Weight – Motor (Kg)	12.5	16	17.5
Dimensions – Motor (Ø*L mm)	185*230		185*240
Cooling Type	Natural Air		
Sensor Type	Encoder		
Ingress Protection (IP class)	IP67		

Advantages of PMSM Technology.

Compact and lightweight design

Higher power density enables compact integration, while up to 30% lower weight frees up capacity for passengers or cargo.

Greater efficiency and range

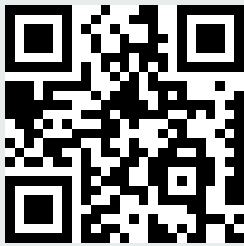
Higher motor efficiency reduces energy consumption and can increase range by up to 10-15% per charge.

Superior vehicle performance

Higher torque density delivers stronger acceleration and hill-climbing with a smaller motor.

Optimized thermal management

Lower heat reduces cooling needs, while improved regenerative braking boosts range and battery life.



LET’S FIND THE RIGHT CONFIGURATION FOR YOUR VEHICLE.