



Partner with Performance



THE BENEFIT OF OUR EXPERIENCE

Environmental impact is one of the biggest concerns for motor vehicle manufacturers today. The challenge to reduce emissions and improve carbon footprint places electricity at the forefront of vehicle design - but efficient implementation requires experience.

Sevcon brings over 50 years of it.

Sevcon has been at the forefront of electric vehicle control technology since it was established in 1961. We have continually pushed the boundaries of technology, delivering new products that match the need for greater power and control. Faced with today's environmental challenges, our solutions are more creative and more in demand than ever. You'll be amazed where our technology can be found.

SEVCON AND THE RENAULT TWIZY

Renault has selected Sevcon to supply the all-important electric motor controllers for its mould-breaking new electric vehicle range, the Twizy ZE (zero emission), which is now on sale.

A Sevcon Gen4 size 4 motor controller is utilised in the standard road vehicle and a Gen 4 size 2 unit is used in the smaller engine model. In both cases the Sevcon Gen4 microprocessor-based controllers regulate the power delivery from the battery to the motor to control the speed of the vehicle along with other engine and vehicle functions.



SEVCON AT WORK REST AND PLAY

Sevcon works with some of the world's most high profile brands, such as Renault, Peugeot, Caterpillar and Toshiba. Our technology is all around you.

- In electric vehicles for efficient urban transport
- In high speed performance motorcycles
- In the new generation of on-road electric scooters which promise excellent performance and clean journeys
- In the growing market for electrified commercial vehicles
- In utility and all-terrain vehicles that require speed and long life in demanding environments
- In industrial vehicles such as fork-lift trucks and aerial work platforms, where switching to electric power for on-site activities can significantly reduce carbon emissions

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“With a reputation as a world leader in the design, manufacture, and marketing of electric motor control systems for electrically powered vehicles, Sevcon is keen to demonstrate the breadth of its capabilities. These implementations show how flexible Sevcon and its products can be.” – Matt Boyle, CEO, Sevcon

SEVCON AND INDUSTRIAL VEHICLES

Sevcon has designed some of the world's most compact, robust and efficient controllers, battery chargers, converters and display accessories for industrial electric vehicles. We are helping some of the world's leading manufacturers meet their environmental targets by working with them to integrate electric power into their industrial vehicles.

In a recent 'bucket truck' implementation, Sevcon developed the capability to switch to electric power to drive the hydraulic pump that operates the lift, reducing fuel consumption and the carbon footprint of these powerful machines.



SEVCON POWERING ELECTRIC MOTORCYCLES

Brammo, a global leader in the electric motorcycle industry is just one manufacturer that has chosen Sevcon to supply motor controllers for its electric motorcycles.

The 100-mph Empulse features Brammo's unique Integrated Electric Transmission (IET™), which consists of a specially designed electric motor, clutch and six-speed manual transmission. The IET gets its digital brainpower from Sevcon's Gen4 motor controllers, which enable the motor, clutch and transmission to work together to replicate the acceleration, driving dynamics and overall performance of a motorcycle powered by an internal combustion engine.

Sevcon's technology is also widely used in electric scooters including those from Peugeot and German manufacturer Govecs.

"Sevcon is integral to our product development process and a valuable long term business partner. We are very pleased with the performance of the Sevcon Gen4 controller." – Craig Bramscher, CEO & President of Brammo, Inc.

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