

Does Freudenberg have a fuel cell system?

Freudenberg's fuel cell technology has also been a success in onshore applications. The company has partnered with Quantron, a specialist in commercial vehicle conversion, to develop a special system for heavy-duty 40-ton trucks.

Are Freudenberg batteries and fuel cells putting rail travel on the right track?

Freudenberg's batteries and fuel cells, or even a combination of the two, are also putting rail travel on the right track- particularly when it comes to non-electrified branch lines and shunting traffic. Freudenberg experts consider hybrid solutions, i.e. a combination of fuel cell and battery, ideal for heavy-duty and commercial vehicles.

Why is LG Energy Solution partnering with Freudenberg E-Power Systems?

"The partnership with LG Energy Solution strengthens our world-leading battery products for the bus and truck market. Together we are in a position to offer our customers a unique lineup especially tailored for the market's demanding requirements," said Max Kley, CEO of Freudenberg e-Power Systems.

Does Freudenberg E-Power Systems' new business unit pay off?

The new business unit Freudenberg e-Power Systems (FEPS) has been bundling the company's battery and fuel cell business into one organization since last year. The latest developments show why the move has paid off.

Does Freudenberg own XALT Energy?

Freudenberg has acquired the outstanding shares of the joint venture, XALT Energy, which has become part of Freudenberg e-Power Systems. The business unit develops and produces battery cells as well as fully integrated battery packs for the commercial vehicle and shipping industries.

What is Freudenberg doing with e-mobility in 2020?

Freudenberg pursued its e-mobility strategy with innovative technologies and new partnerships in 2020, even in a tough market environment. Weinheim, December 7, 2020. Freudenberg continues to advance the development of complete electric battery, fuel cell and hybrid systems for heavy-duty and commercial vehicles.

Are you ready to revolutionize the way your heavy-duty applications are powered? As a benchmark-setting e-mobility solutions provider, Freudenberg e-Power Systems designs, develops, and manufactures high-performance battery and fuel cell systems with exceptionally long operational lifetimes.

The XRANGE™ pack is a highly versatile battery solution designed to power a wide range of application

types. The pack comes with our field-proven Battery Management System and advanced safety features, including overcharge protection and active detection of thermal events.

Freudenberg e-Power Systems and LG Energy Solution (LGES; KRX: 373220) have signed a multi-year contract for the supply of lithium-ion battery cell modules. With a total capacity of 19 GWh, Freudenberg is expanding its capacities to meet rising demand and ensure the best possible supply for its customers in commercial vehicle applications, such ...

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We are the experts for high-performance heavy-duty battery systems and power cells, with more than 60 million miles already traveled in truck & bus applications. With a strong focus on testing, research, and development, we are committed ...

Freudenberg e-Power Systems battery technology focuses on the development, production, assembly, and field service of complete battery systems for applications in the medium to heavy-duty truck, bus, marine, mining and specialty applications. Thanks to our vertical integration, all energy and power system developments are carried out in-house.

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Freudenberg continues to advance the development of complete electric battery, fuel cell and hybrid systems for heavy-duty and commercial vehicles. Thanks to targeted development activities, the technology group expanded its market position in 2020, and is playing a pioneering role in electrified drivetrain systems for trucks, buses, ships, and ...

We are the experts for high-performance heavy-duty battery systems and power cells, with more than 60 million miles already traveled in truck & bus applications. With a strong focus on testing, research, and development, we are committed to continuously designing more optimized, more efficient, and more powerful lithium-ion energy solutions.

Freudenberg e-Power Systems is a leading global supplier of emission-neutral energy systems for heavy-duty applications. With its expertise in battery and fuel cell technology, the company offers customized and, in particular, combined solutions for sustainable and cost-efficient e-mobility.

Our power cells provide unparalleled performance in charge rate, power, energy density, cycle life, and safety, all of which are integral for the electrification of demanding heavy-duty applications.

Web: <https://www.gennergyps.co.za>