

PRESS RELEASE

Zeppelin Power Systems GmbH receives BSFZ seal of approval

Company's innovative strength in the field of fuel cell systems recognized

Hamburg, October 1, 2025. Zeppelin Power Systems has received the BSFZ seal for its fuel cell power generator, which the company officially inaugurated in May in the presence of Hamburg's First Mayor, Dr. Peter Tschentscher. With this seal, the certification body Forschungszulage confirms the company's research and innovation expertise.

The BSFZ seal is considered proof of entrepreneurial innovation competence. It is awarded to companies whose research and development activities have been confirmed as eligible for funding by at least one certificate. Zeppelin Power Systems achieved this by developing a fuel cell power generator suitable for use on construction sites and at sea, which was officially inaugurated at the Hamburg site in May.

The generator set developed, a half 20-foot container equipped with a PEM fuel cell, a lithium-ion battery, and power outputs for CEE plug devices or hard wiring, is powered by hydrogen and thus offers an emission-free way of generating electricity. As a hybrid fuel cell and battery system, it is suitable for numerous industrial applications and can be used in stationary and maritime applications, as well as in emergency power supply, among other things.

In connection with other research projects, this has created the expertise for the application of fuel cell systems in other areas as well. Zeppelin Power Systems is thus underlining its mission to shape technological change.

“We have been working on this solution for around three years,” says Keno Leites, Head of the Fuel Cell Competence Center at Zeppelin Power Systems. “The fact that we have not only reached the milestone of the official inauguration this year but have also received this seal is a great achievement.”

“With this seal, we can now clearly show the outside world how much innovative power we have,” adds Frank Hartmann, Head of Product Management at Zeppelin Power Systems. “It proves the internal R&D performance of our company—a team achievement we can be proud of.”

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About Zeppelin Power Systems

Zeppelin Power Systems is one of the leading providers of propulsion and energy. The company is part of the internationally successful Zeppelin Group. Zeppelin is represented in 29 countries worldwide with over 12,000 employees. In the 2024 financial year, Zeppelin generated revenue of EUR 3.8 billion. With a completed acquisition in 2025, revenue will increase to over EUR 5 billion. Zeppelin Power Systems has been the exclusive sales and service partner for Caterpillar engines since 1954. More than 2,000 qualified employees offer customizable, highly efficient and durable system solutions and comprehensive services for industrial and marine applications, the oil and gas industry, rail vehicles and power and heat generation. Digital products, system components and ready-made solutions for the treatment of ballast water complete the portfolio.

About the Zeppelin Group

The Zeppelin Group offers comprehensive solutions in the construction, agriculture, recycling, energy and industry sectors: from machine sales and service to rental and project solutions as well as engineering, plant construction and drive systems. Zeppelin is represented in 29 countries worldwide with over 12,000 employees. In the 2024 financial year, Zeppelin generated revenue of EUR 3.8 billion. With a completed acquisition in 2025, revenue will increase to over EUR 5 billion. The Group organizes its cooperation in four strategic business units (Construction Equipment, Rental, Power Systems, Plant Engineering). Zeppelin GmbH is the holding company of the Group with its legal domicile in Friedrichshafen and its headquarters in Garching near Munich. The Zeppelin Foundation is the only shareholder of Zeppelin GmbH besides Zeppelin Luftschiffbau GmbH. Further information can be found at zeppelin.com.

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