Panasonic Industry Europe GmbH

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**Panasonic Energy presents new nickel metal hydride battery system for railway vehicles at Innotrans fair**

Munich, september 2024

At InnoTrans 2024 in Berlin, from September 24 to 27, Panasonic Energy will present, for the first time, its new nickel-metal hydride battery system for railway vehicles at Hall 15.1, Booth No. 180.

The new modular Ni-MH battery system is engineered to provide an auxiliary power supply for railway vehicles, offering a range of features that sets it apart from traditional systems.

Key features of the Ni-MH battery system include its compact and scalable design, allowing for flexible mounting on vehicles. This not only saves space but also contributes to improved efficiency and performance. Additionally, the system boasts a long lifespan, reducing the need for frequent replacements and minimizing downtime.

Maintenance-free and equipped with a remote monitoring function, the Ni-MH battery system enables easy diagnosis and monitoring, enhancing operational reliability and safety. Furthermore, it eliminates the need for electrolyte refilling, offering a hassle-free solution for railway operators. If desired, the system can also replace an existing battery system running on Nickel Cadmium batteries.

Speaking about the new Ni-MH battery system, Panasonic Energy Division Head Mr. Oliver Sonnemann expressed enthusiasm about the potential impact of the modular system. "We are proud to introduce our advanced Ni-MH battery system for railway vehicles at the Innotrans fair. This system highlights our dedication to developing sustainable and efficient solutions for the transportation industry. We believe it will enhance the performance, safety, and environmental footprint of railway operations."

Another advantage is that the new Ni-MH battery system is not classified as class 9 dangerous goods. This means that the transportation requirements are less stringent, which simplifies logistics and operational processes for railroad companies. Notably, the system does not contain environmentally hazardous substances such as lead (Pb) and cadmium (Cd), aligning with Panasonic Energy's commitment to sustainability and environmental responsibility.

For more information about Panasonic Industry Europe and its innovative Ni-MH battery system, please visit: <http://industry.panasonic.eu> or contact Carl-Frederik Riemenschneider, Head of Business Development (carl-frederik.riemenschneider@eu.panasonic.com).

[**https://industry.panasonic.eu/company/newsroom/new-nickel-metal-hydride-battery-system-for-railway-vehicles**](https://industry.panasonic.eu/company/newsroom/new-nickel-metal-hydride-battery-system-for-railway-vehicles)

**About Panasonic Energy**

The Panasonic Energy Co., Ltd. is globally active in the dry battery business that supports everyday convenience and comfort, as well as the B2B business such as industrial and automotive batteries. Panasonic is one of the world‘s largest battery manufacturers with more than 90 years of experience in the production of high-quality industrial batteries. In Europe, the products and services of Panasonic Energy are marketed and distributed through Panasonic Industry Europe.

More about Panasonic Energy products in Europe: [Battery cells | Panasonic Industry Europe GmbH](https://industry.panasonic.eu/products/energy-building/batteries/battery-cells)

**About Panasonic Industry Europe GmbH**

Panasonic Industry Europe GmbH is part of the global Panasonic Industry organization, one of the eight major operating companies within Panasonic Holding. Panasonic Industry Europe provides products and services for industrial customers all over Europe.

Panasonic Industry Europe is committed to enabling customers to achieve their goals in a broad range of industrial sectors such as mobility, infrastructure, automation, medical, appliances, smart living, and security. With the know-how of devices and solution technologies, cultivated through a global mindset and over a century of tradition, Panasonic Industry collaborates closely with customers to create a sustainable future.

Panasonic Industry Europe’s broad and diverse product portfolio encompasses key electronic component sectors including electromechanical and passive components, batteries and other energy products, sensors and wireless connectivity modules, thermal management materials and custom solutions, as well as automation devices & solutions.

More about Panasonic Industry Europe: <http://industry.panasonic.eu>

**About the Panasonic Group**

Founded in 1918 and today a global leader in developing innovative technologies and solutions for wide-ranging applications in the consumer electronics, housing, automotive, industry, communications, and energy sectors worldwide, the Panasonic Group switched to an operating company system on April 1, 2022, with Panasonic Holdings Corporation serving as a holding company and eight companies positioned under its umbrella.

The Group reported consolidated net sales of Euro 54.12 billion (8,496.4 billion yen) for the year ended March 31, 2024. To learn more about the Panasonic Group, please visit: <https://holdings.panasonic/global/>