

Leclanché's Fortius-145 Commercial Vehicle Battery to be Featured at Upcoming SOLUTRANS 2023 Expo in Lyon

- *New Fortius-145 battery system to be revealed for the first time at SOLUTRANS, the global hub for heavy & light commercial vehicles.*
- *The chassis-mounted pack comes equipped with new generation of Lithium-ion NMCA cells, set to deliver industry-leading cycle life.*
- *Designed according to ECE R100.03 and to meet ingress protection rating IP 69K.*

YVERDON-LES-BAINS, Switzerland, 20th November 2023 – [Leclanché SA](#) (SIX: LECN), one of the world's leading energy storage solutions companies, will be showcasing its latest battery pack, the Fortius-145, for the commercial vehicle industry at the upcoming [SOLUTRANS 2023](#) trade fair from the 21-25th of November in Lyon, France.

Leclanché will have its latest commercial vehicle battery system, the Fortius-145 on display (picture available [here](#)), marking its first industry appearance. The 147-kWh pack will be equipped with Leclanché's newest generation of Lithium-ion NMCA cells, which are set to deliver industry-leading cycle life and will be available for delivery to customers in 2025.

The system will be powered using the Company's M3 module technology in a new and unique configuration, employed to maximise packaging efficiency and energy density. With more energy available in the given space, the vehicles range is improved, allowing it to be used for longer intervals before charging. The Fortius-145 is design optimised for chassis mounting in heavy trucks and is also suited for a range of other applications, including electric buses, agricultural and construction machinery.

The energy storage system will have a scalable configuration, enabling up to four battery units to be combined depending on the needs of the customer, for a total of 588 kWh.

"With increasing demand for the electrification of heavy-duty vehicles, Leclanché's diverse offering allows us to cater to a range of companies to suit their needs, through our flexible systems and the constantly improving performance of our technology. Leclanché's new Fortius-145 can help heavy duty vehicle manufacturers and designers to electrify their fleets more quickly and with proven state-of-the-art lithium-ion battery technology," said Gerardo Gimeno, VP of Ground Transport at Leclanché.

In-house production and safety at every level

The new system, including the high-energy cells through to the complete battery pack, is manufactured by Leclanché in Europe. A wide range of safety features have been integrated into the system, including a functionally safe battery management system (BMS), which is also designed in-house. The Fortius-145 is being developed to be compliant with industry standard UN regulation ECE R100.03, and to meet IP 69K. This is the highest rating on the Ingress Protection (IP) standard which determines that the system will be able to withstand intensive cleaning with close range, high pressure and high temperature jet-washing.

For more info on the specifications of the product, you can download our Fortius-145 datasheet [here](#).

To book an appointment at SOLUTRANS 2023 with the E-Mobility team, write to info@leclanche.com.

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PRESS RELEASE

About Leclanché

Leclanché is a world leading provider of low-carbon footprint energy storage solutions based on lithium-ion cell technology. Established in 1909 in Yverdon-les-Bains, Switzerland, Leclanché's history and heritage is rooted in battery and energy storage innovation. The company's Swiss culture for precision and quality, together with its production facilities in Germany, make Leclanché the partner of choice for companies seeking the very best in battery performance and who are pioneering positive changes in how energy is produced, distributed and consumed around the world. Leclanché is organised into three business units: energy storage solutions, e-Mobility solutions and specialty battery systems. The company currently employs over 350 people with representative offices in eight countries around the world. Leclanché is listed on the Swiss Stock Exchange (SIX: LECN).

Disclaimer

This press release contains certain forward-looking statements relating to Leclanché's business, which can be identified by terminology such as "strategic", "proposes", "to introduce", "will", "planned", "expected", "commitment", "expects", "set", "preparing", "plans", "estimates", "aims", "would", "potential", "awaiting", "estimated", "proposal", or similar expressions, or by expressed or implied discussions regarding the ramp up of Leclanché's production capacity, potential applications for existing products, or regarding potential future revenues from any such products, or potential future sales or earnings of Leclanché or any of its business units. You should not place undue reliance on these statements. Such forward-looking statements reflect the current views of Leclanché regarding future events, and involve known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from any future results, performance or achievements expressed or implied by such statements. There can be no guarantee that Leclanché's products will achieve any particular revenue levels. Nor can there be any guarantee that Leclanché, or any of the business units, will achieve any particular financial results.

Contacts

Media contacts:

Switzerland / Europe:

Thierry Meyer

T: +41 (0) 79 785 35 81

E-mail: tme@dynamicsgroup.ch

Germany:

Christoph Miller

T: +49 (0) 711 947 670

E-mail: leclanche@sympra.de

Investor Contacts:

Pasquale Foglia / Pierre Blanc

T: +41 (0) 24 424 65 00

E-mail: invest.leclanche@leclanche.com