

Where is Northvolt's first lithium-ion battery made?

In what has been described as a European first, Northvolt announces that the first lithium-ion battery has rolled off the production line at its Swedish manufacturing facility in Skellefteå. The cell is of a prismatic cell format and came off the assembly line on Dec. 28. Image: Northvolt

What is Northvolt's lithium-ion battery?

Photo illustration: George Downs Swedish battery maker Northvolt said Wednesday it created a lithium-ion battery cell, the first by a European company, and plans to ship it to companies to power electric vehicles next year.

Will Northvolt build a new lithium-ion battery factory in Switzerland?

In Sept. 2017, it announced that Switzerland's ABB had signed a Memorandum of Understanding (MoU) to supply and support a new lithium-ion battery factory being built in Sweden by Northvolt. At that time, production was expected to begin in 2020. The following year then saw a flurry of financing announcements by Northvolt.

Can Northvolt recycle lithium ion batteries?

Nehrenheim, Northvolt's chief environmental officer, said the company is able to recycle around 95% of a lithium-ion battery's materials, which can then be used again in its production process, creating a circular supply chain. By 2030, the company wants all its new battery cells to be produced with 50% recycled material.

What is Northvolt's first European Li-ion battery cell?

Northvolt celebrated the commissioning of its Northvolt Ett gigafactory on Tuesday with the assembly of its first European Li-ion battery cell. "The cell is the first to have been fully designed, developed and assembled at a gigafactory by a homegrown European battery company," said the company in a press release issued today.

Will Northvolt be part of Europe's Li-ion battery production plans?

"Tesla, Northvolt and LG Chem are expected to grasp 32% of the total share of European Li-ion cell capacity by 2030, with further potential for Northvolt involvement in future projects for Skoda." Northvolt also appears to be a central part of Europe's battery manufacturing plans.

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Northvolt AB is a Swedish battery developer and manufacturer, specialising in lithium-ion technology for electric vehicles. [4] Founded in 2015 by two former Tesla executives, it commissioned its first manufacturing plant in Skellefteå, Sweden in 2021 and announced plans for five others in Europe and North America. The company filed for protection under Chapter 11 of ...

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The company has received billions in funding from investors such as Goldman Sachs, BlackRock, Volkswagen and the Swedish Energy Agency and secured \$55bn in lithium ...

The 2019 Nobel Prize in chemistry has been awarded to Akira Yoshino (left), M. Stanley Whittingham and John B. Goodenough for the development of lithium-ion batteries.

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