

WeLion hat sich von einem wenig bekannten Start-up zu einem wichtigen Akteur in der Batterieindustrie entwickelt, vornehmlich nach der Ankündigung von Nios 150-kWh-Batteriepack Anfang 2021. Trotz einiger anfänglicher Skepsis von Venture-Capital-Unternehmen hat WeLion nach der Vorstellung von Nio erhebliche Investitionen und Interesse erfahren.

The WeLion SHE350-106Ah solid state battery cell is very close in specifications to that used in the 150kWh NIO ES6. The cell is made by Beijing WeLion New Energy Technology Co. Ltd and at ~360Wh/kg is at the leading edge of current 2023 production battery cells. This cell has a slightly lower energy density at 347Wh/kg.

The company's main business is solid state lithium-ion batteries and covers R& D, production, market, sales, etc. Meanwhile, WELION New Energy belonging to the national high-tech enterprise has over 40 years of solid state battery industry ...

Zhejiang Longquan semi-solid battery grid-side large-scale energy storage power station connected to the grid. XJ Electric & WeLion. 2024-07-08. XJ Electric Corporation Partners with WeLion to Revolutionize Renewable Energy Infrastructure and Technology. Thai Prime Minister visit Welion. 2024-05-13.

Chinese electric automaker NIO's battery supplier WeLion appears to have already surpassed Japanese legacy automaker Toyota in developing a solid-state battery that can support a driving range of up to 1,000 kilometers between charges. Solid-state battery development race: WeLion-NIO vs. Toyota. WeLion's battery details. It aims to go public by ...

Founded in 2016 and headquartered in Beijing, China, WELION is now a leading supplier of lithium-ion solid-state battery cells. With a production capacity exceeding 40 GWh across four facilities, we are committed to being your partner in delivering innovative and high-performance battery cell solutions.

Available in prismatic, pouch, and 4695 round cell formats, our cells provide energy capacities ranging from 50 Wh to 900 Wh per cell. With a focus on quality, safety, and performance, Welion continues to push the boundaries of battery technology to meet the evolving demands of tomorrow's energy landscape.

On June 30, 2023, WELION officially delivered its 360Wh/kg lithium battery cells to NIO, marking the signing ceremony and unveiling of the WELION Yangtze River Delta R& D Center in Huzhou City. The event was attended by leaders from Huzhou City and the Nan

(Yu Huigen, Chairman of WELION) Mr. Yu Huigen, Chairman of WELION, stated in his address that the official delivery of the 360Wh/kg lithium battery cells to NIO marks a significant milestone in the industry.

He expressed gratitude for the collaborative efforts of NIO and the WELION joint team over the past two years.

Batteries featuring WELION semi-solid-state cells offer higher energy density than conventional lithium-ion cells, thanks to our hybrid electrolyte chemistry, innovative cell structure, advanced materials, and cutting-edge manufacturing processes.

The Welion lithium-iron LiFePO<sub>4</sub> Battery Energy Storage System is a highly efficient and safe solution for residential energy storage. It features lithium-iron phosphate (LiFePO<sub>4</sub>) technology, which offers several advantages over traditional lead-acid batteries, such as high energy density, long lifespan, and a wide operating temperature range.

LFP batteries, also known as Lithium iron phosphate (LiFePO<sub>4</sub>), utilize lithium iron phosphate as their cathode material in the lithium-ion battery system. Their long cycle life, safety, and stability have made them popular for various uses

Zhejiang Longquan semi-solid battery grid-side large-scale energy storage power station connected to the grid 2024 07-08. XJ Electric & WeLion Click volume:7488. XJ Electric Corporation Partners with WeLion to Revolutionize Renewable Energy Infrastructure and Technology 2024 05-13. Thai Prime Minister visit Welion ...

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WeLion says it has produced the first semi-solid-state battery cell at its battery factory in Huzhou in East China's Zhejiang province. The cells are to be used in Nio's future 150 kWh pack. It is therefore hardly surprising that Nio's Senior Vice President Zeng Shuxiang also attended the ceremony in Huzhou.

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