

Welion semi solid state battery





Overview

„WELION's semi-solid-state battery cells combine the best features of liquid and solid-state batteries, allowing you to build smaller, lighter, safer, and more powerful energy solutions.

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„WELION's semi-solid-state battery cells combine the best features of liquid and solid-state batteries, allowing you to build smaller, lighter, safer, and more powerful energy solutions. Our cells are optimized for e-bike, cargo bike, last-mile delivery vehicle, light moped, motorcycle, watercraft.

BASF Battery Materials, through its joint venture BASF Shanshan Battery Materials Co., Ltd. (BSBM), has achieved a major milestone in next-generation battery technology. In collaboration with Beijing WELION New Energy Technology Co., Ltd., BASF has successfully delivered its first batches of.

NIO, the Chinese electric vehicle manufacturer, recently tested its new semi-solid-state batteries during a 14-hour, 650-mile journey with CEO William Li driving the ET7 sedan. These batteries, developed by Chinese company WELION, boast a 150-kWh capacity, promising extended range and faster.

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.

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.

Beijing WeLion New Energy Technology Co., Ltd., known simply as WeLion New Energy or WeLion (Mandarin: 威利安; pinyin: Wèilán), is a Chinese battery



manufacturer specializing in semi-solid and solid state batteries for use in electric vehicles and energy storage systems. The company is headquartered in.



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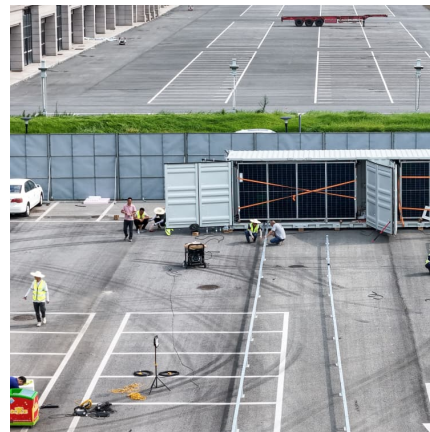


Breakthrough in Semi-Solid-State Battery Technology by BASF ...

4 ???· WeLion's experience with semi-solid-state cells, integrating both solid and liquid electrolyte traits, positions it as a leader driving the stability and scalability of this innovative ...

Breakthrough in Semi-Solid-State Battery Technology by BASF and WeLion

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BASF Delivers First Cathode Active Materials for Semi-Solid-State

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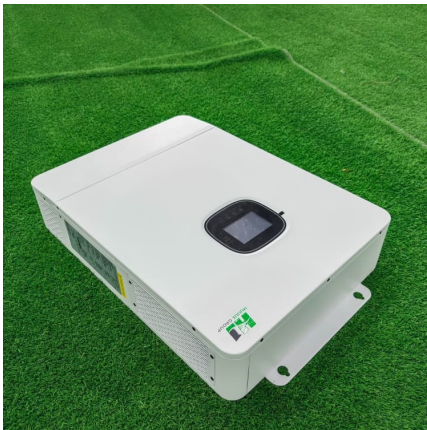


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BASF Delivers First CAM for Semi-Solid-State Batteries to WELION

5 ???· BASF and WELION achieved mass production of Cathode Active Materials for Semi-Solid-State batteries in one year. The project began in August 2024, focusing on Solid-State ...



Welion Energy

At the core of Welion Energy's innovation is its semi-solid-state battery design, which merges the energy efficiency of liquid electrolytes with the safety benefits of solid-state components.

WELION

„WELION's semi-solid-state battery cells combine the best features of liquid and solid-state batteries, allowing you to build smaller, lighter, safer, and more powerful energy solutions.



CGTN reports the development of Welion's new energy products

We will begin mass production of our semi-solid state power products for EVs early next year, and semi-solid state energy storage products this year. Electric vehicles ...



WeLion

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[WELION's Semi-Solid-State Batteries: Transforming EVs](#)

WELION's semi-solid-state batteries are designed for various applications, including electric vehicles, energy storage, and small power products. These batteries leverage ...

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