

NIO is celebrating a potentially impactful milestone today. With the help of partner WeLion, NIO has begun mass production of its 150 kWh semi-solid-state batteries. With production now underway ...

At CHINAPLAS 2024, BASF, Yangtze River Delta Physics Research Center (IOPLY) and Welion New Energy Technology (Welion) will present a new solid-state battery ...

4 ???&#0183; Wie die auf Kathodenmaterialien spezialisierte Konzerntochter BASF Battery Materials mitteilt, hat das Unternehmen in Zusammenarbeit mit WeLion New Energy erfolgreich die ...

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 ...

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 ...

Nio unveiled the 150-kWh semi-solid-state battery when it launched its flagship sedan, the Nio ET7, at the Nio Day 2020 event on January 9, 2021. After that, the battery"s delivery schedule was delayed several times, ...

China saw 482.9 MWh of semi-solid batteries installed in May, up 30.9 percent from 369.0 MWh in April, with WeLion the sole contributor, according to an industry association.

4 ???&#0183; BASF Battery Materials, the Group subsidiary specialising in cathode materials, has successfully delivered the first batches of mass-produced cathode materials (CAM) for semi-solid-state batteries in cooperation with WeLion New ...

5 ???&#0183; Solid-State batteries, including Semi-Solid-State batteries, are seen as the next generation of battery technology and have garnered widespread attention. WELION New ...

WELION semi-solid-state battery cells represent an intermediate state between conventional lithium-ion batteries with liquid electrolytes and fully solid-state batteries. They take advantage of the properties of both ...

Beijing Welion New Energy Technology Co., Ltd. (hereinafter referred to as &quot;Welion New Energy&quot;) is a solid-state battery industry university research incubation enterprise of the Institute of Physics of the Chinese Academy of ...

As a national high-tech enterprise specializing in the R& D, production, marketing, and sales of solid-state lithium-ion batteries, WELION has over 40 years of experience in solid-state battery research and numerous groundbreaking ...

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The WELION Yangtze River Delta R& D Center is a crucial part of WELION's solid-state battery technology innovation system. It focuses on researching the market's battery application requirements, continually ...

Nio kicked off series production of its 150 kWh battery packs with semi-solid-state cells from partner WeLion. The first EVs with the new battery will roll off the production line in Q2/2024. The battery will enable long ranges but ...

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 ...

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