

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

?The Welion semi-solid state battery delivers 347 Wh/kg, featuring a negative electrode with 76% silicon by capacity. ?Our extensive teardown data and reporting supports supply chain analysis, cell benchmarking, and battery development across the industry.

Experience the next level of energy independence with our Welion lithium batteries, available in 5KWH, 10KWH, and 18KWH capacities. Whether you're looking to reduce your electricity bills, have backup power during outages, or go completely off-grid, Welion batteries provide reliable, long-lasting power solutions for every home.

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The Welion lithium-iron LiFePO₄ Battery Energy Storage System is a highly efficient and safe solution for residential energy storage. It features lithium-iron phosphate (LiFePO₄) 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 (LiFePO₄), 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

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.

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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, and portable power station battery applications.

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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.

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.

Web: <https://gennergyps.co.za>