



# Guoxuan Energy Storage Battery Container

How much power does a Guoxuan Hi-tech battery have?

In May 2022, Guoxuan Hi-Tech unveiled a semi-solid battery boasting an energy density of 360Wh/kg. When tested in a high-end model, the battery yielded a power of 160kW, a cruising range of 1000 kilometres, a battery pack energy density of 260Wh/kg, and an acceleration time of 3.9 seconds from 100 kilometres - all notable enhancements.

What is Guoxuan Hi-Tech?

Following the commencement of production of Guoxuan Hi-Tech's lithium iron phosphate battery in 2007, the company experienced a surge in industrial demand. Capitalising on this momentum, Guoxuan Hi-Tech quickly advanced, achieving an energy density of 95Wh/kg in its developed LFP cells.

What is a containerized battery energy storage system?

Our's Containerized Battery Energy Storage Systems (BESS) offer a streamlined, modular approach to energy storage. Packaged in ISO-certified containers, our Containerized BESS are quickly deployable, reducing installation time and minimizing disruption.

Is Guoxuan Hi-Tech a leader in lithium iron phosphate (LFP)?

Despite enduring industry fluctuations, Guoxuan Hi-Tech has consistently held a vanguard position in the Lithium Iron Phosphate (LFP) direction. By the close of 2020, the company's LFP soft-packed batteries, using silicon-based negative electrode plus pre-lithiation technology, achieved an energy density of 210Wh/kg.

COMPANY OVERVIEW SHANGHAI ELECTRIC GUOXUAN NEW ENERGY TECHNOLOGY CO., LTD was jointly established by SHANGHAI ELECTRIC GROUP CO., LTD and ...

When Batteries Become Superheroes Imagine your smartphone battery could power an entire neighborhood - that's essentially what Guoxuan's latest project achieves. This cutting-edge energy ...

The large energy storage container delivered this time uses lithium iron phosphate batteries independently developed and produced by Guoxuan High-tech. The energy storage container ...

This batch of energy storage containers uses lithium iron phosphate batteries independently developed by Guoxuan High-tech, which have the characteristics of high safety, long ...

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FINAL THOUGHTS Guoxuan High-tech stands at the forefront of the energy storage industry, offering a sophisticated portfolio that includes lithium-ion batteries, energy storage systems, ...

The project is located in the factory area of Guoxuan Battery Technology Co., Ltd., Yaohai District, Hefei



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City, Anhui Province, and plans to build a 20.3MW rooftop distributed photovoltaic, energy storage ...

Concurrently, the company's 400Wh/Kg ternary semi-solid battery has prototype samples in the laboratory. In response to the escalating adoption of the global new energy vehicle ...

Next-Generation of Energy Storage Technology Accelerating electrified transportation and achieving sustainable development ELECTRONICS Safe, reliable, and well developed electronics to meet ...

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