

What can NTU do with Guoxuan?

NTU President Professor Subra Suresh said, "NTU's collaboration with Guoxuan will push the boundaries and performance of batteries, energy storage and green transportation technologies, which are at the core of electric vehicles and renewable energy deployment.

How good is Guoxuan Hi-Tech's Performance?

Recently, public new energy battery companies have disclosed their performance metrics. Notably, Guoxuan Hi-Tech's 2022 annual report and first-quarter report reveal impressive growth. The company's revenue for 2022 exceeded 23.052 billion yuan (\$3.22 billion), marking a 122.59% year-on-year increase.

What makes Guoxuan a good R&D company?

As an R&D intensive enterprise, Guoxuan has a strong core knowledge of research, development and manufacturing of lithium-ion and other types of batteries. The joint laboratory complements Guoxuan's existing R&D institutes located in Hefei and Shanghai in China, Silicon Valley and Cleveland in the United States, and Tsukuba in Japan.

What is the Guoxuan-NTU Smart Energy Laboratory?

The Guoxuan-NTU Smart Energy Laboratory will focus on overcoming these challenges and develop cutting-edge energy storage solutions that will take renewable energy technologies to greater heights of innovation. Joint lab to kickstart research on energy storage and electric vehicles The new Guoxuan-NTU Joint Laboratory is set up on the NTU campus.

What's new with NTU & Guoxuan?

These include the limited charging cycles of batteries and its integration with various renewable energy sources. The new agreement is part of a S\$10 million partnership between NTU and Guoxuan in December 2017 to establish the Guoxuan-NTU Smart Energy Joint Laboratory.

Who are NTU Singapore & Guoxuan?

Nanyang Technological University, Singapore (NTU Singapore) and Guoxuan High-Tech Co., Ltd. (Guoxuan), one of China's leading battery manufacturers, are collaborating to develop innovative energy storage technologies for electric vehicles.

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Guoxuan High-tech will provide battery cells, modules, BMS, etc., while Edison Power Co., Ltd. will be responsible for Japanese energy storage customer management, EPC services, energy storage system ...

The market for battery energy storage is estimated to grow to \$10.84bn in 2026. The fall in battery technology prices and the increasing need for grid stability are just two reasons GlobalData have predicted for this ...

NTU and Guoxuan High-Tech Power Energy Co. to develop innovative energy storage solutions for electric vehicles Oct 19, 2020, 16:42 PM Title : NTU and Guoxuan High-Tech Power ...

Guoxuan will also strive to improve the energy storage capacity of its batteries, raising the energy density of its lithium iron phosphate batteries to 260 watt-hours per kilogram and that of its MnNiCo ternary ...

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