



# Japan sidus energy

Who is Sidus energy?

Sidus Energy, a leading battery technology innovator based in Silicon Valley, has unveiled its latest breakthrough: new Li-ion battery cells developed with revolutionary cobalt-free battery chemistry technology. November 1, 2022 - MILPITAS, CALIFORNIA - Sidus Energy, a leading battery technology company has announced today .....

Does Sidus energy have a warranty?

It comes with global regulatory compliance and is backed by an industry-leading warranty of up to 15 years. Sidus Energy, a leading battery technology innovator based in Silicon Valley, has unveiled its latest breakthrough: new Li-ion battery cells developed with revolutionary cobalt-free battery chemistry technology.

Why did IBM choose Sidus energy?

To move this new battery from early stage exploratory research into commercial development, IBM picked us Sidus Energy as the battery manufacturer. The scaling up presents new challenges.

What is Sidus energy neo battery technology?

The Sidus Energy NEO battery technology offers up to 250Wh/kg energy density with 5C (12 minutes to full charge) charging capabilities, while maintaining the manufacturing costs of traditional LFP cells.

What is IBM Research doing with Sidus?

IBM Research has joined with Sidus, a battery manufacturer, to move its new battery from research lab into commercial development..... Sidus Energy is engaged in the R&D, manufacture and sales of high-performance lithium batteries for LIAO Electrochemical Platform (IBM Leo).

Sidus Energy is laser focused to provide global customers with superior and diversified products. Competitive Advantages. Sidus innovative cobalt-free XEO batteries transcend the chemical design limitations inherent in conventional Li-ion battery cathodes, heralding a new era where abundant earth materials can be harnessed for sustainable green ...

Sidus Energy is committed to reducing carbon emissions, reducing waste, saving resources and improving energy efficiency. We firmly believe that the development of enterprises should bear more social responsibilities, not only in accordance with the requirements of relevant laws and regulations, but also around the concept of sustainable ...

SEPTEMBER 24, 2019 - SAN JOSE, CALIFORNIA - Sidus Energy, a Silicon Valley battery technology company has signed a Technology Transfer and Joint Development Agreement with IBM today on a revolutionary cobalt-free battery technology developed by IBM. "This new technology could help eliminate the need for heavy metals in battery production and transform ...



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Sidus Energy is pleased to partner with UPC to provide safe and reliable energy storage solutions to serve worldwide customers. Sidus Energy is committed to be the industry leader for ...

The Sidus Energy XEO battery technology offers up to 500 Wh/kg energy density with 6C (10 minutes to full charge) charging capabilities, while maintaining a low manufacturing cost. "At Sidus, we are dedicated to pushing the boundaries of what is possible in energy storage technology," commented Dr. Shelly Deng, CEO of Sidus Energy.

Sidus Energy is excited to have LEO battery technology originated from IBM. As the world's leading technology company, IBM has a long history in the field of battery and materials research. In 2009, IBM launched Battery 500 project to develop a new generation of lithium batteries. In 2019, IBM announced the breakthrough of a new revolutionary ...

Sidus Energy engages in the research, development, manufacture, and sales of high-performance lithium batteries. The company focuses on creating next-generation batteries based on revolutionary cobalt-free technology from IBM.

Dr. Deng is Sidus Energy's co-founder and Chief Executive Officer. Prior to Sidus, she held technical and management positions at HP, Agilent Technologies, Finisar now Coherent and Bridgelux. Dr. Deng holds a B.S. in Physics from Peking University, and a M.S. and Ph.D. in Electrical Engineering from the University of Texas at Austin, USA.

Sidus Energy . Location San Jose, California, United States; Regions San Francisco Bay Area, Silicon Valley, West Coast; Gender Female; LinkedIn View on LinkedIn ; Shelly Deng is the CEO and Co-Founder of Sidus Energy. She previously worked at Bridgelux, Inc. as a Director of Engineering, Product Engineering Manager. Shelly Deng attended Peking ...

Sidus Energy Limited | 80 followers on LinkedIn. Provide the world with a new generation of energy. | With IBM's pioneering lithium battery technology of the chemical system and IBM-Sidus joint R ...

Sidus Energy, a leading battery technology company has announced commercial availability of its truly environmentally and socially responsible energy storage systems (ESS), dubbed as "NEO". The NEO ESS product line is a good choice when longevity and stability are key. It comes with global regulatory compliance and is backed by an industry ...

November 1, 2022 - MILIPITAS, CALIFORNIA - Sidus Energy, a leading battery technology company has announced today the appointment of Mr. Gary Koos as Chief Financial Officer.. Mr. Koos is a veteran finance and operations executive with 30 plus years of experience in various industries including battery manufacturing, solar, semi-conductor equipment manufacturers, ...



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Sidus Energy engages in the research, development, manufacture, and sales of high-performance lithium batteries. The company focuses on creating next-generation batteries based on revolutionary cobalt-free technology from IBM. These batteries are designed for various applications, including electric vehicles and unmanned aerial vehicles (UAVs). ...

Sidus Energy General Information Description. Developer and manufacturer of the next-generation battery based on the revolutionary cobalt-free battery technology. The company focuses on providing global customers with lithium batteries based on LEO battery technology, allowing customers to use power in an efficient, safe, and eco-friendly manner.

The Sidus Energy NEO battery technology offers up to 250Wh/kg energy density with 5C (12 minutes to full charge) charging capabilities, while maintaining the manufacturing costs of traditional LFP ...

Sidus Energy General Information Description. Developer and manufacturer of the next-generation battery based on the revolutionary cobalt-free battery technology. The company focuses on providing global customers with lithium ...

Dr. Deng is Sidus Energy's co-founder and Chief Executive Officer. Prior to Sidus, she held technical and management positions at HP, Agilent Technologies, Finisar now Coherent and Bridgelux. Dr. Deng holds a B.S. in Physics from Peking University, and a M.S. and Ph.D. in Electrical Engineering from the University of Texas at Austin, USA. ...

Provide the world with a new generation of energy. | With IBM's pioneering lithium battery technology of the chemical system and IBM-Sidus joint R& D system, Sidus will continue to ...

Sidus team is dedicated to continuous advancement of LEO battery technology and creative solutions of battery product engineering, process engineering and manufacturing engineering. ...

AUGUST 8, 2023 - MILIPITAS, CALIFORNIA - Sidus Energy, a leading battery technology company based in Silicon Valley, has unveiled its first of many new battery cells developed with revolutionary heavy-metal free battery chemistry technology licensed from IBM.. Dubbed the "NEO" cell, this breakthrough was engineered by incorporating Sidus Energy's patented active ...

JUNE 23, 2022 - FREMONT, CALIFORNIA - Sidus Energy, a leading battery technology company, has announced that it has signed a Sample Transfer Agreement with PSA Automobiles S.A., which is part of the Stellantis Group. This agreement will support the collaboration of the Cobalt-free technology developed by IBM for use in the electric vehicle automobile market.

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