

Will Mitsui invest in lithium-ion battery recycling plant in Japan?

Mitsui to invest in lithium-ion battery recycling plant in Japan |2024|Topics |MITSUI &CO.,LTD. Mitsui &Co.,Ltd. ("Mitsui",,Head Office: Tokyo,President and CEO: Kenichi Hori) has agreed to set up a new joint venture for lithium-ion battery recycling with VOLTA INC.

Can Japan recycle lithium-ion batteries?

Japan will develop the technology of recycling lithium-ion batteries,which must be cost-competitive. In the quality of recyclable battery materials,70% of lithium,95% of nickel and 95% of cobalt can be used,thus contributing to reducing the risk of rapidly increasing battery resources and improving sustainable development. Conclusion

Why are lithium-ion batteries a problem in Japan?

For that reason, only small warehouses can be set up in Japan for electrolyte and products containing it, making it difficult to establish a supply chain for lithium-ion batteries, experts said.

Could a new lithium-ion battery extend the life of an electric vehicle?

OSAKA -- Japanese chemical group Nippon Shokubai will build a 37.5 billion yen (\$263 million) plant to produce a material that can lengthen the life of an electric vehicle battery by around 60%,Nikkei has learned. The plant will produce lithium bis (fluorosulfonyl)imide (LiFSI),a newer type of lithium-ion battery electrolyte.

How will Japan improve the environment for storage batteries?

To improve the environment for domestic production of storage batteries, such as lithium-ion batteries for electric vehicles (EVs), the government will ease storage regulations for related materials and products and expand support for new factory construction in Japan as early as fiscal 2023, The Yomiuri Shimbun has learned.

What is Japan's lithium-ion strategy?

The Strategy was a grand vision, outlining how a focus on lithium-ion chemistry and the all-solid-state technologies can propel Japanese firms to expand their capacity over the course of this decade and capture as much as 20% of the global market.

This report lists the top Japan Lithium-ion Battery companies based on the 2023 & 2024 market share reports. Mordor Intelligence expert advisors conducted extensive research and identified these brands to be the leaders in the Japan ...

We believe that quality is the cornerstone of enterprise development, and our company establishes and

improves our quality control system in strict accordance with ISO9001:2008 ...

Japan adopts new international standards for lithium-ion batteries. In a significant move towards bolstering the safety of lithium-ion batteries, Japan's Ministry of Economy, Trade, and Industry (METI) announced the replacement of the DENAN Standard J62133-2 (2021) Appendix 9 with Appendix 12 of the International Electrotechnical ...

ZIBO, China, Dec. 21, 2023 (GLOBE NEWSWIRE) -- Sunrise New Energy Co., Ltd. ("Sunrise", the "Company", "we" or "our") (NASDAQ: EPOW), today announced that its patent application for the invention titled "Method for Preparing Anode Material for Lithium-Ion Batteries" has been approved by the Japanese Patent Office. The patent, with the number "Invention 2022 ...

December 12th, 2024 - Ready to Unleash a Powerful Surge! JP30: Working Non-stop! XIAMEN, China, Dec. 10, 2024 /PRNewswire/ -- Ampac's JP30 Cylindrical Lithium Battery: On December 12th, a new ...

Asahi Kasei, the Japanese chemical products and advanced materials producer, has revealed plans for new coating lines for lithium-ion battery separators.. The investment of around EUR250 million (\$266 million) concerns ...

JGC Japan have invested in tozero GmbH through CVC fund, (that is) a startup company enabling efficient recycling of critical materials from lithium ion batteries ...

TOKYO -- Japanese chemical and fiber manufacturer Toray Industries is developing a new technology that can recover more than 80% of lithium from used lithium-ion ...

Japan Lithium Iron Phosphate (LFP) Cathode Material Market By Application Aug 28, 2024

The Lithium Department supplies lithium raw materials to our global customers and is working to develop numerous new projects to ensure a more stable supply in the future.

Sony is the leader in lithium-ion batteries, and Mr Yoshino has made important contributions to the development of lithium-ion batteries in Japan. At the same time, Chinese and South Korean enterprises also play an ...

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