



Solid power technology

LOUISVILLE, Colo., Sept. 20, 2024 (GLOBE NEWSWIRE) -- Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced it was selected by the U.S ...

10 hours ago· Solid Power's core technology is its electrolyte material, which Solid Power believes can enable extended driving range, longer battery life, improved safety, and lower cost compared to ...

Business, operational, and financial update call scheduled for 4:30 p.m. ET today LOUISVILLE, Colo., May 07, 2024 (GLOBE NEWSWIRE) - Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced its operational and financial results for the first quarter of 2024. Recent Business Highlights Strong early execution on SK ...

Thornton-based Solid Power has a \$50 million federal grant to ramp up development of the solid-state EV batteries it considers the technology of the near-future in automobiles, putting the company closer to its goal of developing a mass production facility in the eastern U.S. or Korea.

Solid Power's all solid-state platform technology allows for the production of unique cell designs expected to meet performance requirements for each automotive partner. Solid Power's truly all ...

Company reaffirms 2024 guidance LOUISVILLE, Colo., June 17, 2024 (GLOBE NEWSWIRE) - Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced that the board of directors has appointed Linda Heller as the company's Chief Financial Officer and Treasurer, effective immediately. The company has also ...

LOUISVILLE, Colo. and MENLO PARK, Calif., June 15, 2021/ PRNewswire/-- Solid Power, Inc., an industry-leading producer of all-solid-state batteries for electric vehicles, and Decarbonization Plus ...

- Business, operational, and financial update call scheduled for 4:30 p.m. ET today. LOUISVILLE, Colo., Nov. 07, 2023 (GLOBE NEWSWIRE) -- Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced its financial results for the third quarter ended September 30, 2023 and that it has shipped its first A-sample cells ...

Photo: Solid Power's 22-layer, 20Ah all-solid-state lithium metal cell compared to the company's first-generation 10-layer, 2Ah cell urtesy of Solid Power. In taking its technology from the lab to the streets, Solid Power is ...

LOUISVILLE, Colo., Sept. 20, 2024 (GLOBE NEWSWIRE) - Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced it was selected by the U.S. Department of



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Energy's ("DOE") Office of Manufacturing and Energy Supply Chains to begin award negotiations for up to \$50 million in federal funding under the Bipartisan Infrastructure Law.

However, Solid Power did not include this technology in the 77 kWh model calculation. Series production to start in 2026. The different approaches Solid Power is taking are to meet the "performance requirements ...

3 days ago; Solid Power, Inc. develops solid state battery technologies for the electric vehicles (EV) and other markets in the United States. The company sells its sulfide-based solid electrolyte; and licenses its solid-state cell designs and manufacturing processes. It also produces and sells 0.2, 2, 20 ampere-hour (Ah), and EV cells.

with Solid Power technology "BMW remains committed to the pursuit of all-solid-state batteries, a technology which we believe has significant potential for the future. 1." Development relationship dating back to 2018; equity investor Collaborating on EV scale cells for auto qualification "We believe production feasible

Solid Power is a Colorado-based battery developer specializing in solid-state, sulfide-based electrolyte technology with hopes to bring scalable cells to the EV world at or near cost parity to ...

US battery specialist Solid Power has released more details on its solid-state battery platform, which enables three different battery designs. It is promised that the costs for the active cathode material can be reduced by up ...

LOUISVILLE, Colo., Feb. 27, 2024 (GLOBE NEWSWIRE) -- Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced its operational and financial results ...

LOUISVILLE, Colo., Oct. 17, 2024 (GLOBE NEWSWIRE) - Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced that it will release its third quarter 2024 results after market close on Thursday, November 7, 2024, to be followed by a conference call at 2:30 p.m. MT (4:30 p.m. ET) on the same day. The call may be accessed ...

Solid Power is a US-based battery developer that specializes in solid-state, sulfide-based electrolyte technology that it hopes to scale in order to bring more energy-dense cells to the EV world ...

Solid Power is developing a new low-cost, all-solid-state battery for EVs with greater energy storage capacity and a lighter, safer design compared to lithium-ion batteries. Conventional batteries are expensive, perform poorly at high temperatures and require heavy protective components to ensure safety. In contrast, Solid Power's liquid-free cells store more energy for ...

"Solid Power's core technology innovation can enable all-solid-state battery products expected to meet performance requirements from multiple automotive manufacturers, including Solid Power's ...



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Solid-state battery technology incorporates solid metal electrodes as well as a solid electrolyte. Although the chemistry is generally the same, solid-state designs avoid leakage and corrosion at the electrodes, which reduces the risk of fire and lowers design costs because it eliminates the need for safety features.

Solid Power is an industry-leading developer of next-generation all-solid-state battery technology. With considerably higher energy and greatly improved safety, all-solid-state batteries have the potential to revolutionize future mobile power ...

LOUISVILLE, Colo., Nov. 07, 2023 (GLOBE NEWSWIRE) -- Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced its financial results for the third ...

Moving from a liquid electrolyte battery to a solid-state battery might appear to be outside the conventional design, but it's aimed at leapfrogging present capabilities in energy density. Metallic lithium forms dendrites in a liquid battery system, which compromise cycle life and the batteries' safety.

BMW reportedly plans its first demonstration vehicle using Solid Power's technology before the middle of the decade. BMW has obtained a research and development licence from the US company. Based on Solid Power's designs, it will build a prototype line for solid-state battery cells at its Cell Manufacturing Competence Centre in Parsdorf ...

LOUISVILLE, Colo., Aug. 06, 2024 (GLOBE NEWSWIRE) - Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced its operational and financial results for the second quarter of 2024. Recent Business Highlights Received positive feedback from increased electrolyte sampling and made shipments to ...

Solid Power will develop high-energy, fast-charging, long-life, low-cost, and safe Li metal all-solid-state batteries (ASSB) for electric vehicles applications. Solid Power's design includes a 3D-structured lithium (Li) metal anode and novel sulfur (S) composite cathode to enable such electric vehicle battery cells. Their advanced solid-state electrolyte will enable the ...

Solid Power is an industry-leading developer of next-generation all solid-state batteries for electric vehicle and mobility applications. With considerably higher energy and greatly improved safety, Solid Power's all solid-state batteries (ASSBs) are revolutionizing future mobile power markets. ... The technology product to be delivered under ...

Prior to the installation of the BMW Group's prototype line, the BMW Group's personnel will work hand-in-hand with Solid Power to optimize cell manufacturing processes. "Expanding our relationship with BMW is further evidence that both companies believe in Solid Power's technology development and the value of solid-state batteries.



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