

What is solid power?

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 markets. At Solid Power, we envision a future of clean, sustainable, battery-powered mobility.

What does solid power's Thornton facility mean for the company?

"This facility marks an important next step in Solid Power's progression toward that goal." The 75,000 square-foot Thornton-based facility will quadruple Solid Power's total manufacturing footprint and marks a key inflection point in the company's mission to commercialize its all-solid-state battery technology for deployment in electric vehicles.

What is solid power's business model?

Solid Power's business model - selling its electrolyte to cell manufacturers and licensing its cell designs and manufacturing processes - distinguishes the company from many of its competitors who plan to be commercial battery manufacturers.

Does solid power have a solid state battery?

A Solid Power official holds a sample of the solid electrolyte-coated aluminum foil at the heart of the company's solid state battery technology, seen during a press tour of the company's Louisville headquarters on Thursday, Dec. 13, 2018. (Photo by Andy Colwell, Special to The Colorado Sun)

How will solid power's new manufacturing facility affect the battery industry?

The new facility will greatly expand Solid Power's capacity to produce key materials for its all-solid-state battery cells, including the ability to produce up to 30 metric tons of sulfide-based solid electrolyte material annually, representing a 25x throughput increase to current capacity.

What makes solid power a good battery?

Their technology swaps the flammable liquid in lithium-ion cells with a solid, sulfide-based electrolyte that is safer and more stable across a broad temperature range. Solid Power's cells also easily outpace the conductivity and energy density of today's best rechargeable batteries.

LOUISVILLE, Colo., May 3, 2021 /PRNewswire/ -- Solid Power, an industry-leading producer of all solid-state batteries for electric vehicles, today announced a \$130 million Series B investment ...

Colorado was the perfect place for the production facility, and Solid Power's future growth, he said. "It's very pro business here, but we also don't suffer from all the hype that is Silicon Valley," Campbell said.

The US solid-state battery specialist Solid Power, backed by Ford and BMW, has announced a second

production facility in Thornton in the US state of Colorado. The main purpose of the plant is to produce solid electrolyte ...

LOUISVILLE, Colo., Sept. 07, 2021 (GLOBE NEWSWIRE) -- Solid Power, Inc., an industry-leading developer of all-solid-state battery cells for electric ...

Solid Power, a battery developer backed by Ford and BMW, is expanding its Colorado-based factory footprint as it prepares pilot production of its solid state batteries early next year.

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 ...

This expansion is expected to bring up to 40 new high-paying jobs to the city, including positions for production operators, chemists, and engineers. Solid Power's ...

LOUISVILLE, Colo., Aug. 06, 2024 (GLOBE NEWSWIRE) - Solid Power, Inc. (Nasdaq: SLDP), a leading developer of solid-state battery technology, today announced its ...

Solid Power to expand Denver-area production to support formal automotive qualificationSolid electrolyte materials expected to be significantly scaled...

What began as an idea "bootstrapped" in their own labs, said Stoldt, is now Louisville, Colorado-based Solid Power--an industry-leading developer of next-generation all ...

The new line will be modeled after Solid Power's Colorado-based EV line and will produce EV-scale cells utilizing Solid Power's solid-state electrolyte technology. Construction of the line will begin in 2024 and is ...

Prior to joining Solid Power, Mr. Van Scoter served as Vice President, General Manager Products at SRI International Inc. ("SRI"), an independent nonprofit research institute from 2019 until June 2023. ... Garrett holds a B.S. in ...

The federal grant for Solid Power, announced Friday, will allow the company to expand to a continuous manufacturing line in Colorado of the sulfide-based solid electrolytes ...

"We really stand a very good chance in changing the world from right here in Colorado," John Van Scoter, Solid Power's CEO, told a roomful of guests at the company's 75,000-square-foot plant, which opened last year. ...

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 ...

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Solid Power's sulfide-based solid electrolyte is the key ingredient that powers Solid Power's All-Solid-State Battery Platform technology. Solid Power's electrolytes offer the best combination of conductivity (the ability to move ions ...

Solid Power, spun out of a research venture at the University of Colorado in Boulder, is producing the material for its solid state battery cells in a new, 75,000-square-foot factory in Thornton an...

Solid Power has been hard at work, expanding its Colorado factory footprint as it prepares pilot production of its commercial-grade, 100 ampere battery cells in early 2022. ...

Solid Power Inc. is a leading developer of all-solid-state battery technology, established to advance energy storage solutions through innovative cell designs. Located in ...

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