

What makes sionic energy a good battery company?

Sionic Energy's products use pure low-cost micron silicon, integrated with electrolytes designed to improve performance, cycle life and safety. The company's battery design is agnostic to cathode materials, enabling the extensibility of performance across a variety of current and emerging cathode designs.

Who is sionic energy?

NOHMs Technologies, a provider of electrolyte products for Li-ion batteries, has announced its relaunch as Sionic Energy, transforming its business to deliver complete battery cell designs that incorporate its technologies into a drop-in, rapidly commercialized, low-cost, high-performance Li-ion technology.

What is sionic battery technology?

Sionic's technology delivers a revolutionary jump in performance while increasing safety and reducing costs. By using abundant, pure silicon in lithium-ion batteries, with seamless manufacturing integration, we're able to reduce the battery production costs by up to 30%.

What is sionic energy's licensing model?

Sionic Energy has created a licensing model for its battery technology to accelerate and broaden adoption by major commercial markets. Production-scale prototype cells will be available in Q4 of 2021 for customer evaluations and testing. Source: Sionic Energy

Sionic Energy's latest funding round was a Series C for \$9.33M on July 13, 2021. Date. Round. Amount. Investors. Valuation. Valuations are submitted by companies, mined from state filings or news, provided by VentureSource, or based on a comparables valuation model. Revenue. Sources. 7/13/2021.

As CTO of Sionic Energy, Karthik is responsible for leading the R&D organization to continue the development of breakthrough technologies, external collaborations and IP. He joined the company in 2023 and brings a hands-on, ...

Energy is defined as the ability to do work. Energy comes in various forms--from sonic and gravitational to nuclear and thermal. Understanding these diverse forms of energy helps us comprehend the forces that fuel our natural world and day-to-day activities, from charging our cell phones to powering our homes.

Sionic Energy came to Antenna Group for a website that would support its multi-year go-to-market strategy and ongoing discussions with potential automotive partners and investors. The project started with development of a new brand ...

Sionic Energy's breakthrough silicon anode and electrolyte additives unlock the energy density potential of lithium-ion batteries. We have engineered a way to control silicon expansion with our anode design and have

limited expansion to only 10% at the cell level. Controlled by using standard low-cost silicon materials with innovative ...

6 ???· Today, the company announced Sionic Energy uses Group14's SCC55(tm) advanced material to fully displace graphite for a 100% silicon battery designed to achieve a 42% energy ...

Green Car Congress: Sionic Energy, formerly NOHMs, launches to commercialize next-generation silicon-anode Li-ion battery cells Read More Canary Media: Startup Sionic Energy promises next-gen battery benefits without the wait Read More

6 ???· Sionic's 100% silicon batteries, powered by Group14's SCC55(TM), are designed to achieve specific energy performance of at least 330 Wh/kg and energy densities of at least 842 Wh/L, proven with a cycle range of up to 1,200 full cycles in 4Ah to 10Ah cell formats.

6 ???· Sionic Energy, a leader in electrolyte and silicon battery technology, has announced a significant advancement in lithium-ion battery design by fully replacing graphite with Group14 Technologies' silicon-carbon composite, SCC55(TM), in the anode.

Sionic Energy is a manufacturer of lithium-ion batteries with a focus on providing chemistry and materials that guarantee durable, secure, and environmentally friendly lithium-ion batteries. The startup's batteries are made with a non-flammable liquid electrolyte to increase safety and get around ionic liquids' dwindling cycle life,

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Ed is the President & CEO of Sionic, leading the company's overall strategy, product commercialization, growth, and equity strategies. Joining the Company in 2020, he comes to Sionic with extensive leadership experience developing and implementing high growth strategies for Fortune 500 and entrepreneurial start-up technology companies in energy, advanced ...

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Sionic Energy General Information Description. Developer of electrolyte products designed to provide low-cost lithium-ion batteries. The company's batteries are made using a non-flammable liquid electrolyte to

improve safety and overcome poor cycle life, performance, and manufacturing cost that are historical barriers to the use of ionic liquids, enabling clients to get improved ...

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