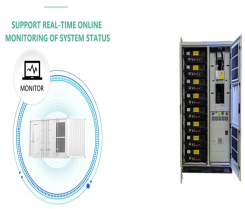
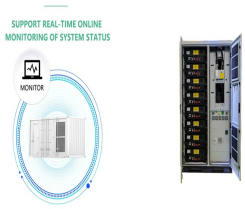
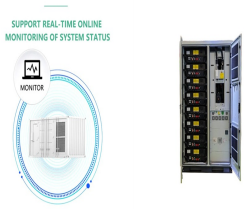
ALSYM BATTERY THE NETHERLANDS



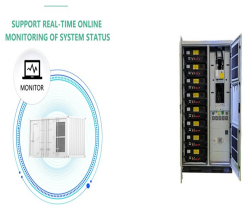
Are alsym batteries flammable? Alsym Energy???s high-performance,inherently non-flammable,and non-toxic batteries are aimed at replacing lithium cells. Claimed to be a low-cost solution,Alsym???s batteries support a wide range of discharge durations. The company maintains that its new battery chemistry is unrelated to anything currently available on the market.



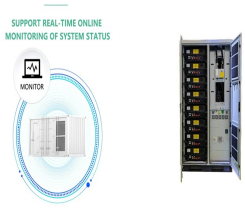
What makes alsym a good battery company? Our team and partners are striving to make battery production simple, affordable, and sustainable for the long term. Mukesh Chatter is the President, CEO and co-founder of Alsym Energy, a battery technology company developing high-performance, low-cost batteries to enable a zero-carbon electrified future for all.



Where are alsym batteries made? Alsym has been manufacturing prototypes at a small facility in Woburn,Massachusettsfor the last two years. Pictured is a view of the Alsym facility. Lithium-ion batteries are the workhorses of home electronics and are powering an electric revolution in transportation. But they are not suitable for every application.

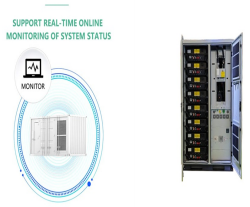


Are alsym batteries a viable alternative to lithium-ion batteries? Although the batteries don???t quite reach the energy density of lithium-ion batteries,Varanasi says Alsym is first among alternative chemistries at the system-level. He says 20-foot containers of Alsym???s batteries can provide 1.7 megawatt hours of electricity.

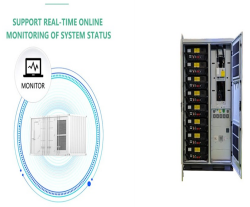


What is alsym battery chemistry? The electrolyte is primarily water. There are several advantages to Alsym???s new battery chemistry. Because the battery is inherently safer and more sustainable than lithium-ion,the company doesn???t need the same safety protections or cooling equipment,and it can pack its batteries close to each other without fear of fires or explosions.

ALSYM BATTERY THE NETHERLANDS

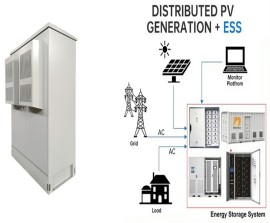


Is alsym Green a good battery? ???Compared to other non-lithium batteries,Alsym Green has 2-10X higher energy density,making it a more space-efficient and powerful solution for 20??? containerized DC blocks,??? said the company in a statement.



Boston-area battery company will use investments to expand manufacturing capability in order to meet growing demand for customer samples. WOBURN, Mass., April 03, 2024--(BUSINESS WIRE)--Alsym

Alsym Energy, a seven-year-old Massachusetts startup, aims to halve the cost of electric vehicle batteries with a new design that eliminates lithium and cobalt, two increasingly costly ingredients



A revolution in non-lithium EV battery technology. and putting increased attention on electric grids. Inexpensive, non-flammable Alsym batteries are an an ideal solution for both traditional and plug-on hybrids, and can even be used to ???

Alsym's Non Lithium Battery Alternative. Alsym's non lithium alternative batteries can be manufactured in the same facilities but at a lower cost than lithium-ion batteries, allowing us to take advantage of existing infrastructure and industry knowledge. While other battery technologies must be produced in costly dry rooms and clean rooms

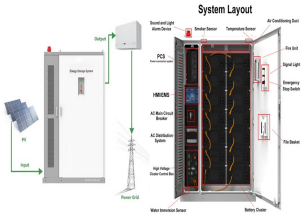
Critical components in electric vehicles and the clean energy grids of the future, batteries are having their moment in the sun. As the energy transition unfolds Wood Mackenzie expects global battery demand to surpass 4 Terawatt-hours (TWh) by 2032, a 230% growth from 2023.To

put that in perspective, an average EV has a battery pack of 60 kilowatt-hours (kWh) ???

ALSYM BATTERY THE NETHERLANDS

Alsym Energy, a seven-year-old Massachusetts startup, aims to halve the cost of electric vehicle batteries with a new design that eliminates lithium and cobalt, two increasingly costly ingredients

Forthcoming next-gen battery technologies will revolutionize BESS technology and battery storage overall with lower manufacturing costs, better safety, and non-toxicity. At Alsym, our team of battery storage veterans and innovators has been hard at work developing the next generation of battery storage technology for over eight years.



In the context of battery manufacturing, particularly for lithium-ion batteries, risks have become clearer in recent years. For one, it has become clear that companies based in Asia have significant influence over practically every aspect of the battery supply chain, from sourcing to refining to manufacturing. As the recent COVID-19 pandemic

Alsym's battery technology promises to provide the performance of lithium-ion batteries at a fraction of the cost and without the inherent risk of fire. The company's batteries are also less sensitive to raw material shortages and price volatility due to their use of low-cost materials with robust supply chains.

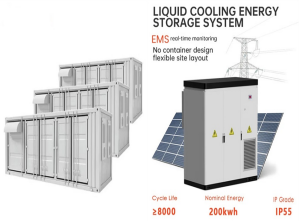
With Alsym Green, data center operators can ensure that their facilities are protected from grid instability, improve their energy resilience, and extend the lifespan of their hardware by preventing sudden power losses or surges. This makes Alsym Green an indispensable tool for modern data centers focused on high-performance, AI-driven workloads.

By investing in companies like Alsym and promoting alternative battery technologies, the US government can accelerate the transition to a more sustainable and resilient energy system while creating new jobs and reducing dependence on foreign materials. In alignment with Senators

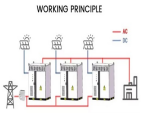
King, Manchin, Risch, Capito, and Whitehouse, Alsym believes

ALSYM BATTERY THE NETHERLANDS

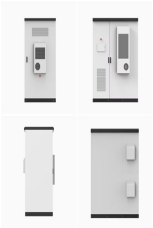

Alsym's founding team began by trying to design a battery from scratch based on new materials that could fit the parameters defined by Chatter. To make it nonflammable and nontoxic, the founders wanted to avoid ???



Electric Vehicles Battery Tech USA March 6-7, 2023, Huntington Beach, CA Speaker: Dr. Rahul Mukherjee, Co-Founder and Director of R& D ??? Alsym Energy Topic: Alternate Battery Chemistry to Make

Alsym Energy has 55 total employees. What industry is Alsym Energy in? Alsym Energy's primary industry is Electrical Equipment. Is Alsym Energy a private or public company? Alsym Energy is a Private company. What is Alsym Energy's current revenue? The current revenue for Alsym Energy is . How much funding has Alsym Energy raised over time?




Leading developer of non-lithium rechargeable battery technology Alysm Energy has announced that it has successfully developed the industry's first high-performance, non-flammable battery storage technology suitable for warmer climates. "The Alsym team has developed an entirely new battery technology that's ideally suited to the needs of a rapidly ???


Whether you''re looking to make your home more energy-independent, lower utility bills, or enhance property value, residential battery storage is a key solution. Alsym Green offers an innovative, non-flammable battery energy storage system designed for residential use, providing homeowners and developers with a safer, more reliable, and cost


Alsym Green is the highest-performing non-lithium battery for BESS. Its performance profile offers energy density that is 2x to 10x higher than competing technologies, stores up to 1.7 MWh of energy in a 20??? BESS container, provides fast charge (4 hours) and flexible discharge (2 to 110

hours), and 92% round-trip efficiency.

ALSYM BATTERY THE NETHERLANDS

Alsym Energy hasannounced a $78 million financing round to expand its battery prototyping and pilot lines to address increasing demand. part of Clarion Events Group PO Box 1021, 3600 BA Maarssen, The Netherlands Main switchboard: +31 346 590 901

Lithium-Ion Battery: These have lower energy density compared to solid-state batteries. Longer Lifespan: Solid-State Battery: Their solid electrolytes are less reactive, leading to longer lifespans. Lithium-Ion Battery: ???

One notable example is the impact of the American Battery Materials Initiative, announced by President Biden in October 2022, which allocates $2.8 billion in Department of Energy grants to support the ???

Engineers at Alsym Energy's lab premises in Boston, US. Image: Alsym Energy via X/Twitter. Battery technology startup Alsym Energy is keeping the exact chemistry of its product under wraps for the time being, the company ???

Alsym's founders, veteran entrepreneur Mukesh Chatter and Massachusetts Institute of Technology professor Kripa Varanasi, say they''ve built a new kind of rechargeable battery that delivers the

Short-duration battery storage systems typically discharge stored energy over a period ranging from one to four hours. These systems make up more than 95% of the current market and are designed to provide quick, high-power energy delivery to meet immediate demand fluctuations,

stabilize grid operations, and support various industries that require rapid energy deployment.

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