



[Shmuel De-Leon Energy - Battery Weekly Newsletter](#)

**September 27, 2024, No. 769**

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**Shmuel De-Leon Readers Save \$150!**

An advertisement for the 14th Annual Battery Safety Summit. The background is a gradient of purple, red, and orange. On the left, the text reads "The 14th Annual BATTERY SAFETY SUMMIT" with a stylized battery icon. On the right, a blue button contains the text "Use Discount Code 2459-150". At the bottom, it says "November 4-5, 2024 | Alexandria, VA + Virtual".

A collection of logos for industry organizations and publications. From left to right, top to bottom: NAATBatt INTERNATIONAL; Energy Storage Publishing bestmag Batteries &amp; Energy Storage Technology; NY BES+ NEW YORK BATTERY AND ENERGY STORAGE TECHNOLOGY COLLOQUIUM; Batteries International; Mathis; EUROBAT ASSOCIATION OF EUROPEAN AUTOMOTIVE AND INDUSTRIAL BATTERY MANUFACTURERS; Soteria™; RRC SETTING STANDARDS IN POWER SOLUTIONS.

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***Virtual Battery Trainings***

29-31/10/2024 Virtual High Voltage EV and ESS Battery Seminar (6 hours - 3 parts of 2 hours each) [Program and registration](#)

17-19/12/2024 Battery Virtual Seminar (6 hours - 3 parts of 2 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

### ***Frontal Battery Training***

[4th USA High Voltage EV & ESS Battery Pack Design and Production Hands-On Seminar, November 14-15, 2024, Lake-Orion, MI, USA](#)

[3rd Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA, November 18-19, 2024](#)

### ***Special Offers***

[Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up for free 30 days trial](#)

[Shmuel De-Leon Energy Provide a new Battery Daily Patent Newsletter service - Sign up for free 20 days](#)

### ***Batteries and Super Capacitors news***

[Ensurge Micropower ASA: Ensurge ships sample batteries to the US Department of Energy](#)

[Americase to Feature Cutting-Edge Lithium-Ion Battery Shipping and Storage Containers at The Battery Show 2024](#)

[Volvo Asks \\$1.2 Billion From Swedish Government For Local EV Battery Plant](#)

[Canada in line for first Indigenous people-led battery gigafactory](#)

[Italy cuts \\$223 million funding for EV battery plant](#)

[Samsung SDI Showcases Optimal Battery Solutions for Electric Commercial Vehicles at IAA 2024](#)

[SK On's Georgia Plant to Supply EV Batteries to Hyundai Motor Starting October](#)

[EV batteries with nickel get boost in China after prices retreat](#)

[Swedish Battery Maker Northvolt To Slash 1,600 Jobs, Quarter Of Staff](#)

[New EV Battery Technologies and Trends Challenge Battery Test System Requirements](#)

[Regional Workforce Training Hubs Will Pilot First in Michigan](#)



Stat-X® condensed aerosol fire suppression is a solution for energy storage systems (ESS) and battery energy storage systems (BESS) applications.

The Stat-X product was tested for efficacy in putting out Li-ion battery fires. It was found that the Stat-X agent successfully extinguished single and double cell battery fires. This testing was conducted in parallel with a large battery fire testing program. DNV GL conducted the testing.

Stat-X also offers regulatory certainty.

[Safety Concerns Over Chinese Batteries Lead to Decline in China-related EV Sales in Korea in Aug.](#)

[Japan invests \\$2.44 billion to boost domestic EV battery production](#)

[NanoGraf to build electric vehicle battery plant in Flint](#)

[Lithium-ion battery maker to expand its Morrisville factory](#)

[Volt Carbon unveils lithium-ion battery tech for extreme cold as low as -80°C](#)

[New EU Regulation boosts sustainability for lithium-ion batteries](#)

[Next generation of battery train technology coming thanks to new partnership](#)

[Cygni Energy, HiNa Partner to Boost Sodium-Ion Battery Innovation for EVs in India](#)

[LG Energy Solution to showcase high-voltage mid-nickel battery at German trade fair](#)

[PCBL Revises Joint-Venture Pact For EV Battery Products](#)

## **Battery Materials news**

[Telescope Innovations and Altillion Inc. Showcase Proprietary, Simplified Production of Battery-Quality Lithium Carbonate from Brines](#)

[Electra and Three Fires Group Announce Aki Battery Recycling Joint Venture](#)

[Epsilon Carbon expects to sign battery anode supply deals in 6 months](#)

[Europe's newest EV battery recycling facility opens in Poland](#)



*TNO is an exciting new anode material with significant potential to revolutionize Lithium-ion battery technology. Unlock the future of energy storage today! [Learn More](#)*

[Russia's Nornickel opens EV battery R&D centre](#)

[Hyundai Steel to supply iron for LFP batteries](#)

[LG Chem to supply cathode to battery joint venture of Toyota and Panasonic](#)

[Hindalco to make copper foil for EV batteries](#)

[Silicon Battery Production Reaches Global Scale](#)

## **Chargers & BMS News**

[Ghana's Kofa expands battery-swapping network via \\$8m SPV](#)

[Dukosi's Cell Monitoring Chipset for Optimizing Battery Systems is Ready for Volume Production](#)

## **Grid Storage Batteries News**

[US DOE opens Grid Storage Launchpad, an advanced research and testing facility for grid-scale batteries](#)

## Battery Industry Upcoming Events

# THE BATTERY SHOW

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## NORTH AMERICA

The highlight industry event for battery and H/EV professionals is back! The Battery Show and Electric & Hybrid Vehicle Technology Expo is headed to Downtown Detroit for the very first time on October 7-10, 2024 at Huntington Place. This your chance to meet 1,150+ exhibitors showcasing the latest solutions from across the battery and EV supply chains. Registration is now live, click the link and use code SHMUEL at check-out for a free expo pass or \$100 off conference passes. Link: <https://register.thebatteryshow.com/eb114i>

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Battery Tech Expo Sweden 2024 - Meet manufacturers, suppliers, engineers, scientists and decision-makers across the Nordic battery value chain.

Product launches, exhibitors showcasing innovations, plus a high profile speaker agenda covering the latest advancements throughout the battery and electric vehicle industries. [www.batterytechexpo.se](http://www.batterytechexpo.se)

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[Batteries Event 2024, 16-18/10/2024, Lyon, France](https://www.batteriesevent.com) covers all aspects of the circular economy value chain, starting from the production of the battery to recycling. Its objective is to create a perfect forum where all International battery industry key players such as OEM, cell and pack manufacturers, end users, experts, researchers and recyclers will come together to discuss and exchange on new chemistries, manufacturing process, battery components, battery second life, regulation, future expectations and innovations. After a very successful 2023 event that gathered 1100+ participants from the battery industry, their goal is to keep growing and welcome more than 1200 participants, 130+ exhibitors, sponsors & partners as well as 175+ international speakers in 2024! Join them and do not miss THE event where all stakeholders and decision makers gather every year!

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[5<sup>th</sup> Future Battery Forum \(November 5-6, 2024 | ECC Berlin + online\)](#)

The **leading European management conference** brings together about **1,000 decision makers and senior experts** from the entire battery value system for two days of **exclusive C-level networking**.

On 2 stages, about **90 speakers from industry and politics** will discuss the most urgent topics for the European battery industry in keynotes, panels and tech talks. Besides this, the focus is on **interactive formats like workshops, deep dives and excursions** to industry sights – and not to forget the famous evening reception. **Over 90 exhibitors** will showcase the latest technologies and solutions for the battery industry.

[www.futurebattery.eu](http://www.futurebattery.eu) – [fbf@ipm.ag](mailto:fbf@ipm.ag)



[The Battery Experts Forum](#) (5-7 November 2024, Darmstadt, Germany) is one of the world's largest exhibitions around battery technology. Sponsors and exhibitors who are among the most important companies in the entire value chain of a battery are part of the international exhibition. In addition to cell and battery manufacturers, you will find suppliers of components and services as well as OEMs. Design, production and manufacturing solutions as well as complete battery systems, materials and components but also test procedures and recycling processes will be exhibited. The focus of the event is placed on the associated conference with the highest scientific standards. Here, over 100 leading users, developers and researchers from international companies and institutes, as well as opinion leaders, will speak about the latest industry trends over the three days of the event.



**11<sup>th</sup> Workshop “Lithium-Sulfur Batteries”, November 11–12, 2024, Dresden, Germany,**

Details: <https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries.html>

Lithium-sulfur batteries are envisaged to enable energy storage devices with high specific energy at low material cost. Following the success of the past ten years, the 11<sup>th</sup> Workshop “Lithium-Sulfur Batteries“ will again bring together an international audience of

renowned scientists and industry representatives who will present latest results, new materials, processes, and applications in the field of Li-S batteries.



[NASA Aerospace Battery Workshop 2024 conference, 19-21/11/2024](#)

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Date: 19-21<sup>st</sup> November, 2024, <https://www.cnibf.net/en/>

As the earliest battery industry exhibition in China, CNIBF is undoubtedly the one-stop platform for batteries industry. Located in Shanghai, the global economic center for international companies to enter into Chinese market, CNIBF is aimed at assisting you to discover new market with one hundred thousand accurate buyer datas and 500+ high quality enterprises from all over the world, including Panasonic, LG, Samsung, MAXCESS , SK CHEMICALS, TUV RHEINLAND, ZTE, BYD, ABB, etc.

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**Shmuel-De Leon Readers Save \$150!**



[AABC USA](#) - Las-Vegas, NV, USA 9-12 December 2024

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NAATBatt 2025, the 16<sup>th</sup> annual meeting & conference of NAATBatt International, will be held on February 17 – 20, 2025, in Orlando, FL, USA. The meeting will feature talks by most of NAATBatt's 330+ members, market analyst reports, interactive breakfast table discussion groups, and the best networking and market intelligence opportunity



anywhere in North America about the advanced battery industry. For more information, [click here](#).

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[17th Battery Japan, 19-21/2/2025, Tokyo, Japan](#)

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Intersolar & Energy Storage North America (IESNA) is the premier US-based conference and trade show focused on solar, energy storage, and EV charging infrastructure. Dedicated to accelerating the energy transition, the event will deliver forward-looking education, impactful networking, and an expansive exhibit hall experience—including the crowd-favorite Solar Games competition—on February 25-27 in San Diego, California. Learn more: <https://buff.ly/3z5R86K>

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**March 5th-7th, 2025 - InterBattery2025** - InterBattery 2025, first launched in 2013 in Seoul, Korea, has become world top battery exhibition with the world's leading battery manufacturers such as LG Energy Solution, Samsung SDI, and SK On. Interbattery shows various new products and technologies related to battery industry. Discover your opportunity by broadening your perspective and relationships with InterBattery 2024 : <https://interbattery.or.kr/>

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[International battery seminar & exhibit 2025 - March 17-20/2025](#)

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[E-TECH EUROPE 2025](#)



A showcase for innovation, a global networking platform, a reference point for the industry and a place for both training and sharing information for the entire supply chain: at its fifth edition E-TECH EUROPE 2025 returns at Bologna Exhibition Centre next 15 - 16 April 2025 bringing the entire automotive supply chain together all at once: from manufacturers of individual electrical and electronic technologies, to component developers and vehicle manufacturing companies.

## RE-BATTERY 2025

[RE-BATTERY 2025](#)

RE-BATTERY 2025 returns at Bologna Exhibition Centre next 15 - 16 April 2025: it's Southern Europe's largest international trade fair for battery producers, recycling companies, raw material suppliers and the entire battery supply chain. RE-BATTERY will be hosted by E-TECH EUROPE 2025, the event dedicated to the production and the entire supply chain of all electric vehicles, automotive interiors, transport solutions and much more.



16-17 April, 2025 | Atlanta, GA

<https://www.thebatteryshow.com/lp/2024/tbs-south.html>



[The 16th China International Battery Fair \(CIBF2025\)](#), organized by China Industrial Association of Power

Sources, was originally planned to be held in Shenzhen, China - 12-16/5/2025.



- Join 19,000+ fellow engineers, executives, thought leaders, professionals and decision-makers at the Messe Stuttgart, Germany on 3-5<sup>th</sup> June, 2024 for three electrifying days, filled with opportunities to source the latest technologies from 800+ exhibitors, develop your industry knowledge at our expertly curated three-track conference and network with like-minded peers.
  - Register Today: <https://register.thebatteryshow.eu/E6PKM>
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AABC Europe 2025, Mainz, Germany, June 23-26, 2025

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[Battery Cells & Systems Expo](#) (9th & 10th July 2025) will bring together automotive manufacturers, electric utilities, battery system integrators, cell manufacturers and the entire manufacturing supply chain. A truly unique showcase, companies from around the world will use the show to launch products and demonstrate their technology to an audience of professionals.

[Vehicle Electrification Expo](#) (9th & 10th July 2025) enables automotive manufacturers to look at the latest powertrain solutions to improve the performance, efficiency, safety and sustainability of vehicles including light electric vehicles, passenger cars, commercial vehicles, buses and off-highway industrial vehicles. The show will bring together the entire supply chain involved in electric and hybrid vehicle manufacture and development showcasing the very latest technologies for this rapidly growing market.

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THE **BATTERY** SHOW  
ASIA

15-17 July, 2025 | Hong Kong

<https://www.thebatteryshow.asia/>

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Schive AS, Asker, Norway together with Shmuel De-Leon Energy will organize the [7th Oslo Battery Days conference](#) in Oslo, Norway, August 18-20, 2024

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