



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

February 28, 2025, No. 791
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International Battery SEMINAR & EXHIBIT

March 17-20, 2025
Loews Royal Pacific Resort
Orlando, FL

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A row of logos for various industry organizations and publications. From left to right: NAATBatt International, bestmag (Batteries & Energy Storage Technology), NY BES+ (New York Battery and Energy Storage Technology Coalition), Batteries International, Mathis, EUROBAT (Association of European Automotive and Industrial Battery Manufacturers), Soteria, and RRC (Setting Standards in Power Solutions).

NAATBatt INTERNATIONAL

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NY BES+
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Batteries International

Mathis

EUROBAT
ASSOCIATION OF EUROPEAN AUTOMOTIVE AND INDUSTRIAL BATTERY MANUFACTURERS

Soteria

RRC
SETTING STANDARDS IN POWER SOLUTIONS

Virtual Battery Trainings

Li-Ion Cells Dry Coating Manufacturing Seminar 12-13 March 2025 - (6 hours - 3 parts of 2 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

28-30/4/2025 **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 Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA - March 26-27, 2025](#)

[2nd European Hands-On HV Battery Development Seminar, Graz, Austria, June 30th - July 1st, 2025](#)

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 30 days](#)

Batteries and Super Capacitors news

[Dongwha Electrolyte Completes New U.S. Plant to Meet N. American Battery Material Demand](#)

[StoreDot plans to build its XFC batteries with a partner in South Korea](#)

[Christina Wagstaff: Li-S Energy Achieves Major Milestones in Battery Technology and Production Advancements](#)

[Ford to build \\$3.5B electric vehicle battery plant in Michigan](#)

[Korean battery-makers brace for CATL's European expansion](#)

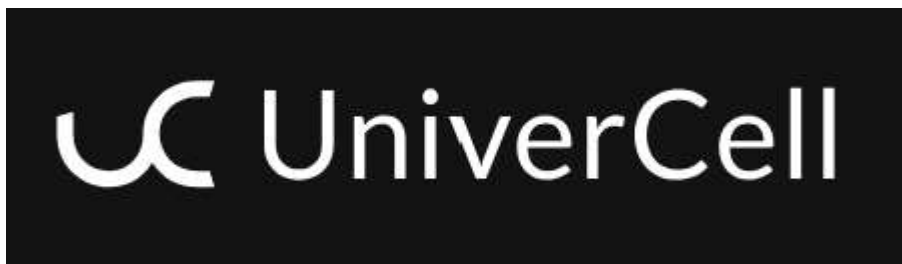
[\\$7B EV battery plant looms large in south London industrial project](#)

[Porsche eBike building battery production facility in Croatia](#)

[Adden Energy Commissions R&D Pilot Line to Scale Dynamically-Stable Batteries](#)

[Mercedes-Benz is already testing solid-state battery EVs promising +600 miles range](#)

[EnerSys to Preview New Battery Energy Storage System and Next Generation Charger at LogiMAT and ProMat 2025](#)



Energize the Future with UniverCell Holding GmbH!

Discover customized battery electrodes for all LiB chemistries—special offers available! Now offering ultra-high energy 18650 (4 Ah, 310 Wh/Kg) and 21700 (6 Ah, 340 Wh/Kg) prototype cells. Need custom cell assembly or prototyping? We've got you covered. All products and services are Made in Germany. Contact us: sales@univercell.group

[Mercedes-Benz Testing Long-Distance Solid-State Battery](#)

[Suzuki Teams Up with Major Firms for Sustainable EV Battery Supply](#)

[China's CALB to invest \\$2.09 billion in EV battery factory in Portugal](#)

[Accelerating Battery Production Scale-Up by 2x with Siemens, AWS, and Voltaiq](#)

[LEAD Partners with a Leading South Korean Enterprise to Set a New Benchmark in Enhancing Accuracy for Digital Lithium-Ion Battery Manufacturing](#)

[EV Batteries Retain Over 90% of Capacity After 75,000 Miles, Tesla No Longer the Best](#)

[New solid-state battery design improves safety and efficiency](#)

[Siemens, KIT & Fraunhofer launch research project for faster battery production](#)

[Schneider Electric & Liminal Partner to Enhance Battery Production](#)

[Battery manufacturer CATL is looking for experts from Thuringia](#)

[ZARGES launches all-new lithium battery storage solution](#)

Battery Materials news

[Northern Graphite Now Supplying Battery Anode Material Samples from LDI Graphite](#)

[Samsung SDI Develops Thermal Propagation Prevention Technology for EV Batteries](#)

[UNIST and KIST Unveil Innovative Anode Material for Lithium-ion Batteries](#)

[Belcor's innovative EV battery safety solution featuring Svenska Aerogel's Quartzene®: Prototypes tested at major OEMs](#)

[ION Storage Systems Achieves Major Performance Milestone with 25x Capacity Increase and 1,000 Cycles in Solid-State Battery Performance](#)

[Mobec Opens First Lithium Battery Recycling Plant in Noida](#)

[Indonesia's Merdeka Battery to build \\$1.8 billion nickel HPAL plant](#)



Elevate your battery technology with NEI's innovative solid electrolytes. Explore our cutting-edge selection of sulfide, oxide, phosphate, halide, and polymer-based electrolyte materials today.

Link: <https://www.neicorporation.com/products/batteries/solid-electrolytes/>

[Shenhua New Materials pioneers 8-micron battery foil production with 100-ton monthly capacity](#)

[Livium secures exclusive lithium-ion battery recycling agreement with ZECO Energy](#)

[FPX Nickel Scoping Study for North America's Largest Nickel Sulphate Refinery Outlines Low-Cost and Low-Carbon Supply for the EV Battery Supply Chain](#)

[The Toro Company Partners with Call2Recycle on Battery Recycling Program](#)

[Cathode electrodes successfully produced using recycled battery materials](#)

[Lyten inks deals with sulfur suppliers for battery manufacturing](#)

[Adionics unveils disruptive technology for lithium extraction in battery recycling](#)

Chargers & BMS News

[Emerson and Zitara Partner to Enhance Battery Management Solutions](#)

[CATL establishes battery-swapping JV with Didi](#)

[Atul, Valeo, and Honda Collaborate for Battery-Swap EVs](#)

Grid Storage Batteries News

[Sitka acquires Saturn Power's renewable and battery storage assets in Canada](#)

[Reliance Infrastructure to enter solar, battery manufacturing](#)

[Govt to mandate battery storage for renewable power projects – EQ](#)

[TAOKE ENERGY And CATL Reached A 300 MWh Battery Purchase Agreement](#)

[Fortis inks deal for batteries for North Macedonia's largest PV plant](#)

[Energy Vault Begins Construction of Battery Energy Storage Deployment at ACEN Australia's New England Solar](#)

[SNAP Magat battery storage project starts construction](#)

Battery Industry Upcoming Events

BATTERY JAPAN February 18th Int'l Rechargeable Battery Expo

Held inside SMART ENERGY WEEK [February] 2025, BATTERY JAPAN gathers a broad range of technologies, components, materials, and devices for rechargeable batteries development & production. The show attracts professionals from all over the world. Date: February 19 – 21, 2025 Venue: Tokyo Big Sight, Japan (3-11-1 Ariake, Koto-ku, Tokyo, Japan 135-0063)

For more information, visit: <https://www.wsew.jp/spring/en-gb.html>

[Visitor Registration \(FREE\)](#) [VIP Registration \(FREE\)](#)

For inquiries and additional information, you may contact:

RX Japan Ltd., **SMART ENERGY WEEK Show Management** yEmail: visitor-eng.wsew.jp@rxglobal.com, Tel: +81 6739 4119



[Battery&Power World](#) (25-26/2/2025) - Die Fachkonferenz mit Innovationsthemen der Batterie- und Stromversorgungs-Branche.

Sie sind Entwickler, Entscheider, Planer, Anwender, Energieversorger, Batterieberater, Mobilitätsanbieter oder technischer Einkäufer in den Bereichen Elektromobilität, erneuerbare Energien/Smart Grid oder Industrie und Medizintechnik? Dann sollten Sie sich diesen Termin unbedingt vormerken!

Auf der Battery&Power World treffen sich auch in 2025 wieder Experten aus den Bereichen #Batterietechnik, #Stromversorgung und #Leistungselektronik. Weitere Informationen und Anmeldung unter www.battery-power-world.de

13th International Conference

Thermal Management For EV/HEV 2025



Part of Automotive IQ's EV System-Level Efficiency Week

Automotive IQ is thrilled to announce that the [13th Annual Thermal Management for EV/HEV conference](#) is returning to **Munich, Germany** from 25th - 28th February 2025 featuring **red-hot topics** and **brand-new speakers**. The 2025 Thermal Management agenda will feature ***brand new presentations and discussions*** on **PFAS Ban & Future Refrigerants, thermal management modules** and software to control it, **modular thermal management** and **control strategies**, as well as **simulation, modelling & virtualisation**. Speakers from major OEM and Tier-1 companies will also zero-in on the latest advancements in **battery thermal management**, climatization of the **cabin, immersion cooling** & new cooling technologies and the use of **use AI & machine learning** to design a an extremely efficient thermal management system.



ENERGY
STORAGE
NORTH AMERICA

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>



InterBattery 2025 - March 5th-7th, 2025 - InterBattery2025 - Break Through, Charging Ahead! InterBattery, 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. With 20% greater scale, Interbattery shows various new products and technologies related to battery industry. Discover your opportunity by broadening your perspective and relationships with InterBattery 2025 :

<https://interbattery.or.kr/fairDash.do?hl=ENG>



The Battery Conference 2025 -March 5th-6th - The Battery Conference 2025 - The one and only battery conference, The Battery Conference 2025, will be held in the battery powerhouse of South Korea! Join us in March at COEX, Seoul. Covering everything from minerals to battery materials, battery recycling, and next-generation battery technologies! We invite you to this premier battery conference, featuring major global battery companies, including LG Energy Solution, Samsung SDI, and SK On. Seize the opportunity to explore major global battery issues and the latest battery technologies in 2025! : https://tbc.or.kr/main_en.php



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



Battery Show Middle East will take place in Dubai, Emirates on April 7-9, 2025

E-TECH EUROPE 2025

[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.



[“The Battery Show South, Electric & Hybrid Vehicle Technology Expo South, Energy Storage South, and EV Infrastructure launches in the next hub of EV, battery, and clean energy growth—the U.S. Southeast. This will bring together the new regional value chain in the Battery Belt to discover the latest technologies across commercial and industrial transportation, advanced battery, H/EV, materials, stationary energy storage,](#)

recycling, components, mining, medical, aerospace, and more. Meet engineers, business leaders, top-industry companies, and innovative thinkers creating powerful solutions and shaping the future of Battery and EV technology.” **April 16-17, 2025** <https://www.thebatteryshow.com/lp/2024/tbs-south.html>



The [15th Anniversary Edition of Functional Safety Week](#) is Returning to Munich, with an Agenda Created in Partnership with WG Members. The **red-hot topic right now is the impact of artificial intelligence on functional safety**, with the new ISO/PAS 8800 standard, focusing on safety in AI, on everyone’s minds right now. **ISO/PAS 8800 is under preparation but questions are already arising** on requirements and implications of the standard, compliance with ISO 26262, AI model training, and AI explainability among other areas. **SOTIF has become a bigger topic for anyone that is dealing with safety for and impact of AI**. And combining safety and security continues to remain a major challenge. Join us this year at the sell out event and learn from industry leaders.



Charge ahead into the next century at the [2025 BCI Convention + Power Mart Expo](#)! Join us May 4-7 in San Antonio, Texas, for the longest-running battery industry event around. Network with top professionals, discover groundbreaking technology, and engage in dynamic discussions that will drive the next century of battery advancements. Don’t miss out—[register today](#) to secure your spot.



CLNB 2025 is one of the largest industry event in China’s new energy field. Setting together “forum, exhibition, activity”, this event will gather **150+** senior speakers, **1,300+** Exhibitors, **9,000+** Conference Delegates and **30,000+** Professional Visitors, focusing on 6 specific sessions covering [Battery & Battery Pack](#), [Energy Storage](#), [EV](#), [Battery Materials](#), [Battery Recycling](#) and [Country Pavilion](#). Register and get 10% off using the code ‘CLNBSDE’:
<https://clnb.smm.cn/en/home?fromId=eb1d86ca8a&from=59>.



[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.



The Battery Show Europe is the leading meeting place for the advanced battery, H/EV technology and energy storage community to discover the latest innovations and solutions powering the industry forward. Join 21,000+ peers at the Messe Stuttgart, Germany for a chance to source technologies from 1,100+ exhibitors representing the full supply chain from raw materials to battery recycling. Expand your education at the expert-led four-track conference and meet like-minded peers at free-to-attend networking receptions.

Use promo code SDL20 for free expo registration or 20% discount on conference passes.

<https://register.thebatteryshow.eu/ra9lmx>



AABC Europe 2025, Mainz, Germany, June 23-26, 2025



[The International Flow Battery Forum \(IFBF\) conference](#) is the leading event for the flow battery community, and this year will take place on **24-26 June 2025** at the Intercontinental Hotel in **Vienna, Austria**. **IFBF 2025** will gather in Vienna the main flow battery experts among researchers, manufacturers, policymakers, and industry leaders to discuss the latest advancements in flow battery technology and its practical applications.

Vienna is a lively, busy city, famous for its historic buildings and cultural traditions. It's very accessible as it has good international transport links, as well as easy-to-use local public transport. It's the home of **CellCube**, a major international flow battery

manufacturing company, which we have the pleasure to announce as co-host and Platinum sponsor.



[2025 Power Sources Conference, MGM National Harbor Hotel, Oxon Hill, MD, June 25-26, 2025](#)

The Power Sources Conference focuses on advanced energy storage and power generation technologies (largely, but not exclusively, electrochemical), which are of interest to the DoD, other Government agencies, and the civilian marketplace. The orientation is toward advancements in power sources, renewable energy power generation, advanced materials and processes including safety, quality control, testing mechanisms, power management, prototype development, manufacturing technology, device and systems engineering, and economic and environmental considerations. The program reflects continued strong interest in high-energy high-power batteries, fuel cells, and other power generation technologies for man portable power, mobile ground vehicles, sea, and aerospace applications.



[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.

THE **BATTERY** SHOW
ASIA

15-17 July, 2025 | Hong Kong

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



The 10th World Battery & Energy Storage Industry Expo (WBE 2025)--Hyperlink:

<http://en.battery-expo.com/>

August 8th-10th, 2025, | China Import and Export Fair Complex, Guangzhou

WBE 2025 will showcase a wide range of products, including various batteries, battery packs, cells, and BMS. Exhibits will feature energy storage solutions, battery charging and swapping technologies, raw materials and components, manufacturing and testing equipment, recycling systems, and international logistics. Additionally, the expo will highlight advancements in hydrogen energy and its applications.



[Solid-State Battery Summit 2025 will take place in Chicago, IL, USA on August 12-13, 2025.](#)



Schive AS, Asker, Norway together with Shmuel De-Leon Energy will organize the [7th Oslo Battery Days conference](#) in Oslo, Norway, August 18-20, 2025



INTERNATIONAL SECONDARY LEAD AND BATTERY RECYCLING CONFERENCE

1 & 2 September 2025, Hilton Hotel, Kota Kinabalu, Sabah, Borneo,

The only [conference](#) dedicated to the world of recycling and recovery of lead-acid and other battery chemistries.

The conference will feature leading international speakers on the latest recycling & smelting methods, research and health, safety and environmental topics. Whether it be a lead-acid or lithium, we still must collect, break, recover the valuable elements and dispose of the waste in an environmentally safe manner.



ASIAN BATTERY CONFERENCE AND EXHIBITION

2 – 5 September 2025, Sabah International Convention Centre, Kota Kinabalu, Sabah, Borneo, Join us in Kota Kinabalu, Sabah, Borneo for Asia's #1 [Lead-acid battery conference and exhibition](#). Discover cutting-edge technologies, explore future trends in the lead-acid industry, connect with suppliers, and seize new business opportunities. This is your chance to network with industry leaders, gain valuable insights, and stay ahead of the competition. Don't miss out—be part of shaping the future of lead-acid innovation!



Celebrate 15 Years of Innovation at North America’s Premier Advanced Battery Event

The Battery Show and EVT Expo return to Downtown Detroit from October 6-9, 2025, marking its 15th anniversary!

This premier event brings together engineers, business leaders, top industry companies—including leading OEMs—and forward-thinking innovators to explore groundbreaking products and create powerful solutions for the future. With over 21,000 industry professionals attending, you’ll experience four days of educational sessions, networking opportunities, and access to the latest innovations from more than 1,300 exhibitors at one of the world’s largest battery technology trade shows. Don’t miss your chance to be part of this extraordinary experience!

[Discover More & Register Today>>](#)



[10th Turkey Battery Technologies Summit, Istanbul, Turkey, October 22-23, 2025](#)



Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, November 3–4, 2025, Fraunhofer IWS | Dresden (Germany).

Website: <https://www.iws.fraunhofer.de/en/events/dry-coating-forum.html>

Dry battery electrode coating contributes towards greener, more efficient battery production. Toxic solvents are avoided, the equipment footprint is reduced, and energy costs for the intensive drying step are omitted. Following the great success of the first and second Dry Coating Forum 2023 and 2024, Fraunhofer IWS is once again inviting material suppliers, system manufacturers, cell producers, and end users to network and exchange knowledge in the field of dry electrode coating.



[Batteries Event 2025, 5-7/11/2025](#), Lyon, France 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 2026 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 2025! Join them and do not miss THE event where all stakeholders and decision makers gather every year!

BATTERY EXPERTS FORUM

[The Battery Experts Forum](#) (11-13 November 2025, 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.



12th Workshop “Lithium-Sulfur Batteries”, November 17–18, 2025, Fraunhofer IWS

| Dresden (Germany)

Website: https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries_2025.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 eleven years, the 12th Workshop “Lithium-Sulfur Batteries“ will again bring together an international audience of renowned scientists and industry representatives who will present latest results, new materials,



[NASA Aerospace Battery Workshop 2025 conference, 18-20/11/2025](#)



Future Battery
Forum

6th Future Battery Forum (Nov 25-26, 2025 | ECC Berlin + online)

Europe’s leading battery conference gathers 1,000+ industry decision-makers for two days of C-level networking. With 80 speakers, keynotes, panels, and interactive sessions, it tackles urgent industry topics. 100+ exhibitors showcase cutting-edge technologies. Don’t miss the evening reception!

www.futurebattery.eu - fbf@ipm.ag



[AABC USA 2025](#) - Las-Vegas, NV, USA 8-11 December 2025



[2-3 February 2026 - Shmuel De-Leon Energy will organize the 3rd Medical Battery Conference 2026 as part of MD&M West](#)



NAATBatt 2026 (February 9 – 12, 2026) is the 16th annual meeting of NAATBatt International, the trade association for advanced battery technology in North America. NAATBatt's mission is to support networking and acquisition of pre-competitive market intelligence by companies working in the advanced battery industry in North America. Members and non-members are welcome. For more information about the program, click [here](#).

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