



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

February 21, 2025, No. 790

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The advertisement features a background image of a large solar panel array. On the left, the text reads "International Battery SEMINAR & EXHIBIT". On the right, it specifies the dates "March 17-20, 2025" and the location "Loews Royal Pacific Resort Orlando, FL". At the bottom, a red button contains the text "USE DISCOUNT CODE 2514-150 »".

A collection of logos for industry organizations. From left to right: NAATBatt INTERNATIONAL; bestmag Batteries & 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; and RRC SETTING STANDARDS IN POWER SOLUTIONS.

Virtual Battery Trainings

11-13/2/2025 **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](#)

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](#)

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

[Northvolt sells heavy industry battery business to truckmaker Scania](#)

[U.S. Battery Industry Asks Congress to Defend Domestic Supply Chains](#)

[Corvus Energy – Hornblower/Statue City Cruises selects Corvus Energy battery systems for ferry fleet serving Liberty and Ellis Islands in New York/New Jersey.](#)

[BYD aims to debut solid-state EV battery in 2027](#)

[LG Energy Solution to Begin Mass Production of LFP Batteries in Michigan in 2nd Half](#)

[Eberspaecher and Farasis Energy Europe partner for low-voltage batteries](#)

[Eve Energy plant in Malaysia sees 1st battery unit roll off line](#)

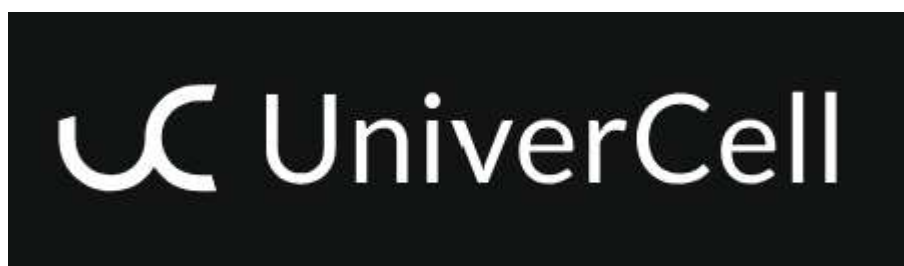
[IONETIC reveals first details of new £5 million battery pack production facility in UK](#)

[Tesla loses battle to keep 4680 battery tech under wraps](#)

[SK Battery America to allocate 75% capacity to Hyundai and Kia](#)

[Emerging Power Introduces Durable Lithium Battery Packs for Military Equipment](#)

[BYD expects to begin 'demonstration use' of all-solid-state batteries by 2027, exec says](#)



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

[Tata Group's UK battery cell plant to open in 2026](#)

[Construction Begins on \\$500M Louisiana EV Battery Plant](#)

[FREYR Battery secures credit agreement extension](#)

[ULVAC Develops Roll-to-Roll Lithium Deposition System, Unveiling at Battery Japan](#)

[China's Battery Titan CATL Eyes Global Power Play Amidst U.S. Tensions](#)

[Hyundai and Kia's U.S. EV Expansion Boosted by SK On's Battery Supply](#)

[LG Energy Solution's Technology Boosts Solid-state Battery Charging Speed by 10 Times](#)

[German project for fast industrial implementation of sodium-ion battery technology](#)

Battery Materials news

[Lyten Secures Domestically Sourced Sulfur to Supply its US Lithium-Sulfur Manufacturing Facilities](#)

[Abaxx Will Expand Battery Metals Product Suite with Launch of Lithium Carbonate Futures on March 7, 2025](#)

[European EV battery material startups make recycling breakthroughs](#)

[Thailand's solvent recycling innovation helps EV, battery makers slash emissions](#)

[Umicore's profit slumps as slow EV demand weighs on battery materials unit](#)

[ReBattery Launches Global Battery Recycling Platform](#)

[MMC procures crystalliser plant to produce battery-grade manganese material](#)



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/>

[EV Battery Component Maker Cancels \\$325M Georgia Plant](#)

[Zhejiang Lithium Battery Recycling Project with 30,000 mt Capacity Enters Implementation](#)

[German startup achieves industrial-scale graphite recovery for lithium-ion batteries](#)

[CarbonScape breakthrough in battery-grade graphite production](#)

Chargers & BMS News

[FastCell: German consortium optimises batteries' fast-charging capabilities](#)

Grid Storage Batteries News

[NatPower UK receives up to £60 million for UK battery storage project](#)

[Energy Vault to Supply Victorian Government-Owned Renewable Energy Company with 100 MW/200 MWh Battery Energy Storage System](#)

[High-investment battery energy storage project kicks off in Azerbaijan](#)

[China EV battery installations in Jan: CATL share at 47.08%, BYD 22.90%](#)

[BYD Energy Storage Signed World's Largest Grid-scale Battery Storage Projects of 12.5GWh](#)

[RWE sets up Germany's largest battery storage system](#)

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** Email: 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.



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>



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 liked-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.



[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!

THE BATTERY SHOW 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 6-9, 2025 at Huntington Place. Link: <https://register.thebatteryshow.com/>



[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 2024 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!



[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, processes, and applications in the field of Li-S batteries.



[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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