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Batteries & Super Capacitor news

[Sodium-Ion Battery Production Scales Up as CBAK and HiTHIUM Target 2027 Commercial Deployment](#)

[Chinese Battery Maker Reveals Tech That Can Fast-Charge EV 100 Km In A Minute](#)

[CATL plans to raise another 4.5 billion yuan for four major lithium battery projects.](#)

[South 8 Begins Volume Production of Extreme Cold Weather Lithium-Ion Batteries for Defense Customers](#)

[EnerSys \(ENS\) Rides Battery Demand Growth, Is The Stock Still Cheap?](#)

[Importers paid roughly \\$75 billion for Chinese batteries and grid equipment in 2026's first seven months](#)

[Volkswagen battery plant opening delay no surprise amid weak EV market: Experts](#)

[CATL sees limited impact from China's new battery tax on orders](#)

[Panasonic Develops Solid-State Battery Operating at 150°C, Adopts New Prismatic Design and Prepares Samples for Delivery Between October and December 2026 for Industry and Sensors](#)

[US battery startup EnerVenue opens first factory in China's Changzhou](#)

[HiTHIUM Launches 4 MWh Sodium-Ion Energy Storage System with New 785 Ah Cell](#)



Malvern Panalytical uses proprietary CRMs to analyze NMC cathodes

XRF offers a fast, simple alternative to ICP for elemental analysis of cathodes – but quantitative results depend on calibration with proper materials, which are scarce. Malvern Panalytical, a global leader in the analytics of material and life sciences, recently published an application note demonstrating quantitative NMC analysis on its Revontium XRF spectrometer. They used 12 synthetic, proprietary ISO 17034-traceable NMC certified reference materials, and lithium-borate fused-bead preparation. Validation against a certified Li-NMC cathode showed close agreement with certified values across single-day and three-day testing.

[Read the full method and results.](#)

[Doubts Grow Over Solid-State Batteries as Mass Production Slips Past 2030](#)

[NextStar Energy honoured following Windsor plant opening](#)

[CATL kicks off trial production of battery cells in Hungary](#)

[French Army Technical Section awards Novacium a contract for prototype batteries for tactical radios](#)

[Qnovo Adds Certainty to EV Battery Passports with New Battery Genome Application](#)

[Do-Fluoride plans to invest 210 million yuan to increase capital of Guangxi Ningfu, with the funds going to a 2GWh lithium battery project](#)

[Cummins' Accelera to expand battery-electric manufacturing in Spain](#)

[Americas poised to lead global microgrid growth through 2030](#)

[CATL raises \\$600M in green bonds to fund battery expansion](#)

Battery Materials news

[C-BATT develops battery material for defence](#)

[DNV supports technical and commercial due diligence for National Wealth Fund investment in Nexxon](#)

[Glencore, Nth Cycle ink \\$1B battery-metals recycling deal](#)

[Echion signs MOU with Energy Tech Solution to develop XNO niobium-anode battery cells](#)

[Japanese Company to Suspend Operations at Hungarian Battery Plant](#)



NEI now synthesizes high-phase-purity High Entropy Oxide (HEO) powders with customizable particle sizes, morphologies, and conductive surface coatings. Batch sizes available from 50g to 100kg. Request a quote today! <https://neicorporation.com/custom-heo-powder-synthesis/>

[LiBEST, Kangwon National University Partner on Next-Generation Battery Technologies](#)

[Sila gears up for Gigascale US battery production with executive shake-up](#)

[Novelis expands aluminum solutions for battery, energy storage markets](#)

Chargers & BMS News

[Samsung Electronics to Add Authentication Security Chips to Smartphone Batteries](#)

Grid Storage Batteries News

[Form Energy secures \\$270M credit facility to scale iron-air batteries](#)

[The Rise of Battery Storage, Constraints in Supply Chain and a Holistic Path Forward: Jacobs Perspective](#)

[Envision Energy Powers Morocco's First Large-Scale Battery Storage System at OCP's Benguerir Mining Site](#)

[LG Energy Solution's Battery Energy Storage System Qualifies as NVIDIA DSX Ready BESS](#)

[Nvidia approves LG's 5.1-MWh battery storage system to power AI factories](#)

[Azerbaijan inks contract for 250 MWh Battery Energy Storage System Project](#)

[Lightsource bp secures permit for 390 MW solar & 300 MW BESS](#)

Battery Industry Upcoming Events

E-TECH EUROPE 2026

The fifth edition of [E-Tech Europe](#), the international exhibition dedicated to advanced batteries and innovative technologies for the production and recycling of electric and hybrid vehicles in the automotive, transport, and industrial sectors, will take place **from 7 to 9 October 2026**, for the first time in the autumn season, at **Bologna Exhibition Centre (Italy)**.



The Leading Advanced Battery & EV Event in North America

The industry is evolving fast — and The Battery Show Detroit 2026 is where you stay ahead of it. Join 16,000+ engineers, executives, and innovators October 12–15 at Huntington Place for four days of hands-on learning, strategic networking, and direct access to the technologies shaping the future of batteries and EVs. With 1,300+ exhibitors, 250+ expert speakers, and 140+ hours of education, every moment is designed to move your business forward. Whether you're sourcing solutions, building partnerships, or staying on top of the latest breakthroughs — this is the one event you can't afford to miss.

CTA: Discover breakthrough technologies, connect with top OEMs and suppliers, and shape the future of electrification.

Promo Code: Use Promo Code “SDLE” to receive a Free Expo Pass (does not include Explorer Plus) + 20% Off Conference Pass

Link: <https://utm.rocks/uqWfk>



[The Battery Show India, October 22-25, 2026](#), popularly known as TBSI, is Asia's

premier event for battery technology. It brings together global manufacturers, engineers, and EV pioneers to showcase breakthroughs in energy storage and smart energy systems. The show aims to accelerate the global transition to sustainable, battery-powered solutions.



Sodium-Ion Battery Show 2026 will provide professionals across related fields with a platform to share achievements and exchange ideas. The event will emphasize networking and collaboration while fostering discussions on technical expertise among sodium-ion battery manufacturers. Attendees will also have opportunities to connect with allied industries and explore recent advancements in sodium-ion battery technologies and sustainable materials. Collaborate with industry experts, enhance your professional profile, and help shape the future of sodium-ion battery development.

The event website is www.sodium-ion-battery-show.com.



The global stage for sustainable mobility is coming to the United States. The **Electric Vehicle Innovation Summit (EVIS)**—the world-renowned platform shaping the future of transportation announces the debut of **EVIS America 2026**, taking place **November 3–5, 2026**, at the **Glass City Center in Toledo, Ohio**.

For the first time in North America, EVIS America unites global innovators and U.S. mobility leaders across EVs, hydrogen, AI, autonomous systems, and smart infrastructure.

Event link: https://america.evinnovationsummit.com/contact-us/?utm_source=media+partner&utm_medium=website&utm_campaign=EVIS_AM_2026_MP_Shmuel_DL_Energy



13th Workshop “Lithium-Sulfur Batteries” - November 10–11, 2026, Fraunhofer IWS | Dresden (Germany)

Website: <https://cmsr->

[author.ws.fraunhofer.de/editor.html/content/iws/en/events/lithium-sulfur-batteries_2026.html](https://cmsr-author.ws.fraunhofer.de/editor.html/content/iws/en/events/lithium-sulfur-batteries_2026.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 13th 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.



[Batteries Event 2026, 16-18/11/2026](#), Lyon, France Batteries Event Lyon 2026 aim is to create the perfect forum where all the battery industry stakeholders will be able to meet and discuss industry trends and best practices – from the battery production to its recycling .



[AABC USA](#) 2026 - San-Diego, CA, USA 7-10 December 2026



NAATBatt 2027, Palm-springs, CA, USA (February 8 – 11, 2027) is the 17th 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](#).



InterBattery 2027 - March 10th-12th, 2027 : <https://interbattery.or.kr/>



[International battery seminar & exhibit 2027](#) - March 15-18, 2027



“[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 21-22, 2027** <https://www.thebatteryshowsouth.com/>



[The 19th China International Battery Fair \(CIBF2027\)](#), organized by China Industrial Association of Power Sources, was originally planned to be held in "City TBD" , China - 12-14/5/2027.



International Battery Seminar & Exhibit Europe 2027, Mainz, Germany, June 1-4, 2026



Battery Cells & Systems Expo is a free-to-attend exhibition and conference on the 16th & 17th June 2027 at the NEC Birmingham, UK. It offers unparalleled access to the latest innovations in battery materials, systems, and manufacturing technologies driving advancements across the automotive, energy, and electronics sectors. Attendees will discover cutting-edge developments in battery management systems, power management, manufacturing and automation equipment, battery recycling, testing and measurement, lab equipment, logistics, and more. Co-located with Vehicle Electrification Expo, this two-day event offers a highly concentrated opportunity for networking, lead generation, and learning, bringing together the innovators and decision-makers shaping the future of the global battery industry. URL: <https://batterysystemsexpo.com/>



The Battery Show Europe 2027 is where change makers accelerate advanced battery and e-mobility innovation. Join 18,000+ professionals and 1,100+ exhibitors in Stuttgart, 22–24 June 2027. Explore the full supply chain, gain expert insights, forge partnerships, and drive industry progress. Secure a free expo pass and/or 20% discount on conference passes with promo code SDL20.

<https://register.thebatteryshow.eu/5qexp1>



From July 14-16, 2027, **The Battery Show Asia**, alongside **Energy Storage & Power Asia** and **Mobility Tech Asia**, will return to AsiaWorld-Expo, Hong Kong with a comprehensive upgrade. Expecting 25,000 qualified professionals and buyers from major global markets and spanning across battery manufacturing, energy storage, power, and new energy mobility, this is where global technology meets business opportunity. https://www.thebatteryshow.asia/?utm_content



[Solid State Battery Summit 2027 - August 17-19, 2027](#)

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