



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

December 20, 2024, No. 781
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The advertisement features a background image of a large solar panel array. The text 'International Battery' is in large white letters, with 'SEMINAR & EXHIBIT' in smaller white letters to its right. A black box on the right contains the dates 'March 17-20, 2025' and the location 'Loews Royal Pacific Resort Orlando, FL'. At the bottom, an orange button says 'USE DISCOUNT CODE 2514-150 »'.

A collection of logos for industry organizations: NAATBatt International (green and blue text), bestmag (orange and black text, 'Energy Storage Publishing', 'Batteries & Energy Storage Technology'), NY BES+ (green circle, 'NEW YORK BATTERY AND ENERGY STORAGE TECHNOLOGY COLLOQUIUM'), Batteries International (black text with a red battery icon), Mathis (blue text with horizontal lines), EUROBAT (black text, 'ASSOCIATION OF EUROPEAN AUTOMOTIVE AND INDUSTRIAL BATTERY MANUFACTURERS'), Soteria (blue and white text), and RRC (blue and black text, 'SETTING STANDARDS IN POWER SOLUTIONS').

Virtual Battery Trainings

8/1/2025 (January 8th, 2025), Battery Seminar Virtual - New China Battery Innovation Technologies 2025 - 1 part - 2 hours - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

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](#)

Frontal Battery Training

[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

[China's CATL forms joint venture with Stellantis to build electric vehicle battery factory in Spain](#)

[STARLUX Airlines Makes History as Taiwan's First Airline to Achieve CEIV Lithium Batteries Certification](#)

[NeoVolta and Expion360 Announce LOI to Advance Battery Manufacturing and Product Design](#)

[LG Energy's East Valley battery plant construction pushes ahead](#)

[Peak Energy Opens Battery Cell Engineering Center to Power Domestic Manufacturing at Scale](#)

[Gotion to set up battery plants in Morocco, Slovakia](#)

[BYD expands European EV production; Gotion targets battery growth in Morocco and Slovakia](#)

[US finalizes \\$9.63 billion loan for Ford, SK On joint battery venture](#)

[Battery tech elevates aerial drones](#)

[Qnovo Introduces Advanced Battery Safety Solution for a Zero-Incident Future](#)

[Green Cubes Technology Unveils Battery Retrofit Kit for OneCharge Batteries](#)

[Korea to invest 1 billion baht in EV, battery factory in Thailand](#)

[Factorial Unveils 40Ah All-Solid-State Battery Cells with Dry Coating Process](#)

[StoreDot's Major EV Battery Milestones](#)

['World's strongest' land-based crane finishes electric testing](#)

[Battery manufacturer unveils 'world's first' technology with 5-minute-charging capability: 'Paving the way for the future'](#)

[BYD aims to cut EV battery costs by 15% with its new Blade battery launching in 2025](#)

Battery Materials news

[Sionic Energy Uses Group14's SCC55™ Advanced Material to Fully Displace Graphite for 100% Silicon Battery, Designed to Achieve a 42% Energy Density Increase](#)

[CarbonX lands €4 million funding to challenge China's grip on crucial battery material](#)

[Rio Tinto to invest \\$2.5 billion to expand Rincon lithium project capacity to 60,000 tonnes per year](#)

[SMU research team extends lithium-sulfur battery life](#)

[UAE's first lithium battery recycling plant to come up at Kezad](#)

[Lotte Energy Materials to produce LFP battery cathode next year](#)



Cathode & Anode Electrode Sheets

Choose from Ready-to-Ship Electrodes



NEI Corporation offers a variety of cathode and anode electrode sheets for Li-ion and Na-ion batteries. Choose from our standard, ready-to-ship sheets or we can customize to your specification. Get a quote today!

<https://www.neicorporation.com/products/batteries/cathode-anode-tapes/>

[Benteler secures incentives for \\$105M battery components plant in Wyoming](#)

[Alus and Blue Whale Materials Sign Letter of Intent to Accelerate U.S. Battery Materials Market Entry](#)

[Recycler to Be First US Supplier of Key EV Battery Component](#)

[LG Chem to up battery material production](#)

Chargers & BMS News

[U POWER Pioneers the Industry with the Launch of Autonomous Unmanned Battery Swapping Logistics Vehicles](#)

[FAW Hongqi joins CATL battery swap alliance](#)

Grid Storage Batteries News

[Reliance NU Suntech wins India's largest solar and battery storage project](#)

[EVLO DELIVERS ITS FIRST BATTERY ENERGY STORAGE SYSTEM TO CALIFORNIA](#)

[Livguard to Expand its Battery Production Capacity to 25 GWh](#)

[Nofar Energy Secures First Fixed-Price Flexibility Agreement For German Battery Storage Project](#)

Battery Industry Upcoming Events



NAATBatt 2025 (February 17 – 20, 2025) 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](#).

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 2024 wieder Experten aus den Bereichen #Batterietechnik, #Stromversorgung und #Leistungselektronik.

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**, climatisation 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>



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/>



[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

16-17 April, 2025 | Atlanta, GA

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



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.



- Join 19,000+ fellow engineers, executives, thought leaders, professionals and decision-makers at the Messe Stuttgart, Germany on 3-5th 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>
-



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



**BATTERY CELLS
& SYSTEMS EXPO**

- V E H ⚡ C L E -

ELECTRIFICATION

- E X P O -

[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/>



WBE 2025
**World Battery & Energy
Storage Industry Expo**

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](#)



[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.



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



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

Shmuel De Leon Energy

10 Mazal-Arie Street, Hod-Hasharon, Israel 45309 972-77-5010792

www.sdle.co.il shmuel@sdle.co.il

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