



Shmuel De-Leon Energy - Battery Weekly Newsletter

November 17, 2023, No. 724
Sent to 80,000 Battery industry members
since 1/2010, [Join our mailing list](#)
[Battery Industry Upcoming updated list](#)
[Battery market reports 2023](#)

Our advertisers & sponsors

Shmuel-De Leon Readers Save \$150!



Virtual Battery Trainings

15-17/1/2024 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

3rd USA EV & ESS Hands-On Battery Design and Production Seminar, December 4-5, 2023, Lake Orion, MI, USA - [Program & Registration](#)

12nd Hands-On Li-Ion Cells Manufacturing Seminar, Rochester, NY, USA, December 7-8, 2023 - [Program & Registration](#)

[February 23rd, 2024 - 2nd Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA - program & registration](#)

Special Offers

Shmuel De-Leon Energy support customer with Li-Ion cells supply problems via our Far East cell suppliers - Join our cells customers group and get a weekly update with cells allocations and offers. send us request to be added to our cells customers group.

[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](#)

Batteries and Super Capacitors news

[Apple eyes new battery tech for future devices](#)

[A surprising player gets into the EV battery game: Saudi Arabia](#)

[Global sales of EV batteries increased by 54% in the first half of 2023](#)

[China's Hithium bags 1-GWh battery supply deal in US](#)

[Spain awards Eur190 million in EV battery funding](#)

[Thermo Fisher Scientific Opens Customer Experience Center for Battery Manufacturing in Seoul](#)

[Mullen Expands US Battery Operations, Moves to Solid-State Polymer Pack Testing as EV Business Scales](#)

[Apple working on custom battery design; could debut with iPhone 17 in 2025](#)

[BMW says it has improved traction batteries and now Tesla is catching up](#)

[Hasco-CP begins EV battery pack production in Thailand](#)



Battery Analysis Software from [Micantis](#) provides the most secure, efficient and responsive way to understand batteries so that you can quickly make effective decisions for your business. Your customers get better technology, you get lower risk. Get started with state of the art artificial intelligence for up to 10 times less than Voltaiq, contact us to learn how.

[Polestar the first EV maker to incorporate StoreDot's fast-charging batteries](#)

[Gotion undeterred by recall of supporters of \\$2.4B battery plant near Big Rapids](#)

[Enovix Batteries Demonstrate Highest Energy Density Among Cells Evaluated According to Polaris Battery Labs](#)

[Lithium-ion Explosions Present Challenges To The Future Of Battery Technology](#)

[Volvo Cars Energy Solutions eye EV battery spare capacity for V2G ecosystem](#)

[Hyundai is planning its own LFP battery cells](#)

[Cost of lithium-ion forklift batteries recovered in total uptime and efficiency](#)



[Volume Graphics](#) enables battery inspection using industrial computed tomography (CT) to **find and quantify porosity, inclusions, anode overhang, and delamination**. Peer inside sealed batteries and conduct holistic, high-quality inspections—from R&D to end-of-line quality control. We're here to help you not only attain but surpass your quality and reliability goals in this rapidly evolving industry. Let us show you how.

[Koc Holding revokes pact with Ford, LG Energy Solution for Turkey battery JV](#)

[Exide Technologies launches the Sprinter Pure Power battery range](#)

[Samsung SDI, Volvo Trucks vow to enhance battery partnership](#)

[Safire and Glatfelter Announce Strategic Partnership to Develop Safer, Higher-Performing Lithium-ion Batteries](#)

[Irish EV battery startup Xerotech wins €30m funding from EU investment bank](#)



With a multi-million-dollar battery inventory and unparalleled advanced engineering and production capabilities, [Sager Electronics](#)' team of battery experts designs and produces custom portable power solutions that meet the most exacting specification and performance requirements.

[GUH Holdings partners with Shenzhen Xixin to establish lithium battery assembly plant in Malaysia](#)

[Posco pushes motor and battery business with over half a billion dollars](#)

[Tesla announces 4680 battery cell production breakthrough – Electrek](#)

[Part of Northvolt battery plant project to be submitted to BAPE](#)

[Truckmaker Volvo to buy Proterra's battery business for \\$210 mln](#)

[Mahle took its cues from a coral reef for new EV battery cooling plate](#)

[BATTERY MAKER AMPRIUS SECURES ORDERS FROM THREE ELECTRIC AIRCRAFT DEVELOPERS](#)

[SES AI Corporation outlines lithium-metal battery development and eVTOL market expansion](#)

[General Motors sued over Chevy Bolt battery defects](#)

[Electrovaya Receives Additional US\\$8 Million Battery Order from Existing Fortune 100 Customer](#)

Battery Materials news

[Redwood Materials will recycle stationary storage batteries as it expands its](#)

[scope](#)

[Neometals shares jump on 'outstanding' battery recycling trial](#)

[European Metals shifts to lithium carbonate production amid LFP battery demand](#)

[Mitra Chem's New Strategic Investments Address U.S. Energy Resilience Through Onshoring of Critical Battery Supply Chains](#)

[Epsilon arrives with synthetic graphite to shore up EV battery supplies](#)

[China's sodium-ion battery anode materials supplier Rongna New Energy closes Series A funding](#)



NEI Corporation offers 15 different compositions of Na-ion anode, cathode, and electrolyte materials. Get a quote today!

Link to: <https://www.neicorporation.com/products/batteries/sodium-ion-battery-materials/>

[Transform Materials Enhances Usage of Low-Carbon Acetylene for Lithium-Ion Battery Manufacturing](#)

[Stratus Materials Announces Updates for its Next-Generation LXMOTM Cathode Materials](#)

[Hyundai Mobis secures \\$940m in loans for US battery hub](#)

[E3 Lithium announces company has produced pure battery quality Lithium Hydroxide Monohydrate](#)

Chargers & BMS News

[Companies partner to advance automotive battery management solutions](#)

[Plans For Electric Vehicle Battery Charging Facilities In Southeast Asia With Groundbreaking Battery Checking Service](#)

[World's largest battery-swapping network in Taiwan expands to more countries](#)

[LUCID USERS CAN NOW CHARGE OTHER EVS WITH THEIR STORED](#)

BATTERY ENERGY

Grid Storage Batteries News

[Battery producer Hithium to supply ESS developer Perfect Power](#)

[New grid-scale battery design stacks up for Altech](#)

[Senelec contracts Infinity's 40-MW battery project in Senegal](#)

[Volvo Penta is advancing its net-zero initiatives by providing its battery energy storage subsystem to BESS manufacturers](#)



[8th Turkey Battery Technologies Summit 2023 – November 22-23, 2023](#)

Our Summit aims to bring together the pioneers of the industry with innovative minds and to convey the latest technological developments and international perspectives to you. Our Board of Directors and Summit Working Group are working with a focus on excellence to make this event unique. With detailed presentations from our experienced speakers and forward-thinking approaches from industry leaders, the summit will be an unforgettable experience for attendees. Summit will address every aspect of the battery ecosystem, from raw material processes to cell production techniques, from extraordinary battery applications to sustainable waste strategies, from advanced charging systems to comprehensive testing and certification processes.



Future Battery Forum
Berlin + Online

[4th Future Battery Forum \(November 27-28, 2023 | ECC Berlin + online\)](#)

“Accelerating Europe’s battery industry: Innovative. Sustainable. Stronger together.” Staged under this motto, the **European management conference & exhibition** brings together over **700 decision makers and senior experts** from the entire battery value system for two days of **exclusive C-level networking**. In keynotes, panels, tech talks and workshops, about 70 speakers from industry and politics will shed a light on these topics: European market ramp-up and local value chains, Manufacturing innovations & gigafactories, Future battery technologies, Lifecycle and sustainability.

Over 80 exhibitors will showcase the latest technologies and solutions for the battery industry. www.futurebattery.eu – fbf@ipm.ag

Shmuel-De Leon Readers Save \$150!



[AABC USA](#) - 11-14 December 2023



[Intersolar North America and Energy Storage North America](#) 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 actionable education, invaluable networking, and an immersive exhibit hall experience—including the crowd-favorite Solar Games competition—next January 17-19 in San Diego, CA.

LCA, Recycling, Circular Design And Sustainable Sourcing For EV Batteries & Carbon Neutral Vehicles USA

American Business Conferences

LIVE IN DETROIT & ONLINE | JANUARY 23-25, 2024

The 8th event in the Global LCA for Automotive Series comes to Detroit in January covering recycling, circular design and sustainable sourcing.

Speakers including Sustainability, LCA, Product Design, Engineering and EV Battery Manufacturing experts from companies including **Toyota North America, Canoo, PACCAR, JLR, Volvo Trucks, Ford** and across the supply chain, this is a must-attend automotive sustainability Congress.

<https://www.carbon-neutral-vehicles-lca-congress.com/>



[5-7 February 2024 - Shmuel De-Leon Energy will organize the 2nd Medical Battery Conference 2024 as part of MD&M West](#)



NAATBatt 2024, the 15th annual meeting & conference of NAATBatt International, will be held on February 19 – 22, 2024, at the Omni La Costa Resort & Spa in Carlsbad, CA. 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](#).

BATTERY JAPAN **March**

16th Int'l Rechargeable Battery Expo

BATTERY JAPAN is the World's Leading Exhibition for Rechargeable Batteries.

Battery technologies are the key to achieving carbon neutrality by 2050 as they will largely contribute to the popularization of renewable energy and EVs. BATTERY JAPAN gathers a broad range of technologies, components, materials, and devices for rechargeable battery development & production. 1,600* exhibitors & 70,000* visitors will gather from all over the world (*including concurrent shows). Visit the show to explore the latest technology.

Dates: Feb. 28 - Mar. 1, 2024

Venue: Tokyo Big Sight, Japan

Web: <https://www.wsew.jp/spring/en-gb.html?monetamediaigroup>



March 6th-9th, 2024 - InterBattery2024 - InterBattery 2024, 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 2024](#) - March 12-15/2024



[E-TECH EUROPE 2024](#)

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 third edition **E-TECH EUROPE 2024** returns at **Bologna Exhibition Centre next 8 - 9 May 2024** 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 2024](#)

The **second edition of RE-BATTERY 2024**, the international Exhibition and Conference event for **battery producers, recycling companies, critical raw material suppliers, and the entire battery supply chain**, returns at **Bologna Exhibition Centre next 8 - 9 May 2024**. The event will focus especially on lithium-ion batteries from e-mobility transportation, stationary applications, electric vehicles and e-mobility products, but also lead-acid batteries and e-waste from electronics.



The Battery Tech Expo UK, Silverstone runs 25th April 2024. The largest technical event in the UK dedicated to the battery supply chains. 150 Exhibitors, 80 Presentations, 2000 professionals. Workshops, Seminars. Free to attend. You can register a ticket from our website – www.batterytechexpo.co.uk



AABC Europe 2024, Strasbourg, France, May 13-16, 2024



[Battery Cells & Systems Expo](#) will take place at the NEC Birmingham, Marston Green, Birmingham from 15th – 16th May 2024. Battery Cells & Systems Expo 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 over 4,500 professionals. Co-Located with Vehicle Electrification Expo, The Advanced Materials Show and The Advanced Ceramics Show, this will be a highly concentrated two days of networking, lead generation and education featuring the leaders and innovators responsible for shaping the future of this industry.



[The Battery Show Europe and Electric & Hybrid Vehicle Technology Expo](#), 18-20 June, 2024 in Stuttgart, Germany, brings together **16,000 + engineers, executives, managers, thought leaders and professionals** from across the advanced battery and H/EV supply chain. Save the date for 3 days of learning, networking and a chance to meet **800+ exhibitors** showcasing the latest technology and innovations for your next project.



[Solid State battery Summit 2024](#) - Chicago, IL, USA August 14-15, 2024



Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [6th Oslo Battery Days conference](#) in Oslo, Norway, August 19-21, 2024



The highlight industry event for battery and H/EV professionals is back! **The Battery Show** and **Electric & Hybrid Vehicle Technology Expo** returns to Novi from **October 7-10, 2024**, and it's your chance to meet 750+ exhibitors

showcasing the latest solutions from across the battery and EV supply chains. Registration is now live, click the link to get your free pass. Link: <https://register.thebatteryshow.com/>



Batteries 2024, 16-18/10/2024, Lyon, France

Site : <https://batteriesevent.com/>

Linkedin : <https://www.linkedin.com/in/batteries-event-lyon-france-896140146/>

Twitter : @BatteriesEvent



[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.



[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.

Shmuel De Leon Energy

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

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

