



**Shmuel De-Leon Energy - Battery Weekly Newsletter**

**May 1, 2026, No. 852**

**Sent to 300,000 Battery industry members**

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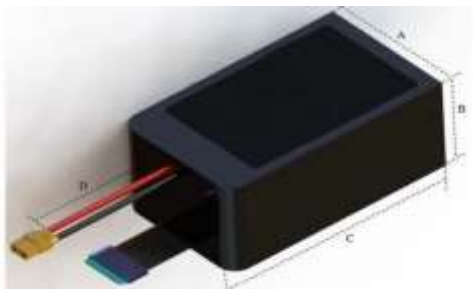
***Virtual Battery Trainings***

July 21-23, 2026 Battery Seminar Virtual - [Program and Registration](#)

### **Face to face Battery Training**

None

### **Special Offers**



**We have stock of 234 new drone batteries for sale - 31Ah, 24.5V, 7S, 2.4kg, special cost, ex work Israel.**

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For our customers – USA cell manufacturer we need sales director for the USA and separately for Europe – Send your C.V. to [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

Link to Job Description:

<https://www.sdle.co.il/wp-content/uploads/2026/04/Sales-Director-job-description.pdf>

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Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors

[Extreme High Energy Density rechargeable cells/packs](#)

[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 & Super Capacitor news**

[Call2Recycle Canada and The Gaia Project Partner to Inspire Battery Recycling in New Brunswick Schools](#)

[Amara Raja: Lithium Storage in Telecom to Double](#)

[UK battery pack manufacturer strengthens engineering team](#)

[CATL to Start Mass Production of Sodium-Ion Batteries in Fourth Quarter](#)

[Redwood Materials pivots to energy storage and cuts 10% of jobs](#)

[Amazon Power Bank Recalled for Fire and Burn Risk](#)

[Stadler equips German battery sorting facility](#)

[CATL deepens Hyundai-Kia battery ties, challenges Korea on high-end NCM](#)

[Luoliu Intelligent inks \\$150 million deal to build 10 GWh battery production base in Turkey](#)

[700 Wh/kg Battery Breaks Records: Scientists Unveil Cell That Works at -50°C](#)

[From Lab to Field: HPQ and Novacium Secure First Battery Order from European Drone Manufacturer Using GEN4 Cells](#)

[CATL launches battery innovations to strengthen global market leadership](#)

[Toyota Indonesia signs CATL battery deal as EVs gather pace](#)

[Forklifts with Permanently Integrated Lithium-ion](#)

[Measuring Solid-State Battery Self-Discharge Rates](#)

## **Battery Materials news**

[NMG Secures \\$632M Funding for Quebec Matawinie Graphite Operations](#)

[Terrassa launches the first direct battery recycling laboratory of Catalonia and Spain](#)

[Himadri Opens India's First Anode Plant, Eyes Global Battery Market](#)



**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/>

[Epsilon Launches Gen III LFP Cathode Material, Targeting US Battery Supply Chains](#)

[Machine Learning in Battery Manufacturing Improving Performance and Longevity](#)

[POSCO Future M accelerates anode material investment in Vietnam](#)

[Battery industry profit recovery comes into view as lithium prices rise](#)



**Characterize microporous carbon anodes with a dual-probe approach**

*TriStar II Plus 3030*

Microporous carbon characterization is increasingly important in the battery industry, specially C-Si anodes for Li ion and hard carbon anodes for Na ion battery, but standard N<sub>2</sub> gas adsorption analysis often fails to detect the narrowest micropores. For the fullest insights, combine N<sub>2</sub> and CO<sub>2</sub> adsorption with an NLDFT pore size distribution model on the TriStar II Plus 3030.

[Download the application note for more details](#)

[Toyota boosts green mobility with battery recycling push](#)

[The expected price increase for lithium carbonate in 2026 has been realized, and the economic advantages of sodium-ion batteries are gradually emerging.](#)

### **Chargers & BMS News**

[Introducing the next phase in EV charging — battery swapping](#)

[Charging station, battery-swapping investment race heats up in Vietnam](#)

[BAIC Group and CATL Sign Strategic Cooperation Agreement to Jointly Promote](#)

[Chocolate Battery Swap and Ultra-Fast Integrated Energy Ecosystem](#)

[Nio Hit With \\$250M Patent Demand Over Battery Swap IP](#)

### **Grid Storage Batteries News**

[China's Battery Advantage Shapes Global Energy Storage Markets](#)

[Rivian deploys second-life EV battery system to cut factory energy costs](#)

[Greenergy seals tolling deal for 680-MWh battery in Spain](#)

[Cyprus gives go-ahead to 570 MWh of battery storage](#)

[RWE Partners with Polarium to Aggregate Thousands of Battery Systems into Scalable Energy Flexibility Platform](#)

### **Battery Industry Upcoming Events**



The 18th China International Battery Fair (CIBF2026), organized by China Industrial Association of Power Sources, was originally planned to be held in "City TBD" , China - 14-17/5/2026.



AABC Europe 2026, Mainz, Germany, May 18-21, 2026



The Battery Show Europe is where change makers accelerate advanced battery and e-

mobility innovation. Join 18,000+ professionals and 1,100+ exhibitors in Stuttgart, 9–11 June 2026. 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>

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Battery Cells & Systems Expo is a free-to-attend exhibition and conference on the 8<sup>th</sup> & 9<sup>th</sup> July 2026 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/>

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[Solid State Battery Summit 2026 - August 11-12, 2026](#)

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Schive AS, Asker, Norway together with Shmuel De-Leon Energy will organize the [7th Oslo Battery Days conference](#) in Oslo, Norway, August 24-25, 2026

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**Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing**

- **September 29–30, 2026, Fraunhofer IWS | Dresden (Germany)**

Website: [https://www.iws.fraunhofer.de/en/events/dry-coating-forum\\_2026.html](https://www.iws.fraunhofer.de/en/events/dry-coating-forum_2026.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 DCF in the last years, 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.

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## **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)**.

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### **Celebrate 16 Years of Innovation at North America's Premier Advanced Battery Event**

The Battery Show and EVT Expo return to Downtown Detroit from October 12-15, 2026, marking its 16th 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>>\*\*](#)

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[11th Turkey Battery Technologies Summit, Istanbul, Turkey, October 21-22, 2026](#)

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[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.

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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\\_Shmuell\\_DL\\_Energy](https://america.evinnovationsummit.com/contact-us/?utm_source=media+partner&utm_medium=website&utm_campaign=EVIS_AM_2026_MP_Shmuell_DL_Energy)

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**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](#)

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.

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[ADM - Advanced Design & Manufacturing Expo 2026, Montreal, Canada, November 11-12, 2026 - Event include battery conference as part of the show](#)

- Event description: ADM Toronto brings together six advanced manufacturing areas — design, automation, packaging, plastics, processing, and EV technology. This all-in-one, industry-wide event lets you explore the latest trends and technologies shaping the future of manufacturing. Through conference tracks on International & Interprovincial Trade and Battery Manufacturing, 350+ exhibitors, and networking opportunities with over 4,000 attendees, ADM Toronto is propelling Canada's manufacturing industry forward.
  - Registration expected to go live June 16<sup>th</sup>
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[Batteries Event 2026, 16-18/11/2026, Lyon, France](#) Batteries Event Lyon 2025 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 .

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6th Future Battery Forum (Nov 25-26, 2026 | 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](http://www.futurebattery.eu) - [fbf@ipm.ag](mailto:fbf@ipm.ag)

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

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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](#).

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

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[International battery seminar & exhibit 2027](#) - March 15-18, 2026

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THE **BATTERY** SHOW  **electric & hybrid** | south  
SOUTH vehicle technology expo

 **Energy Storage South**  **INFRASTRUCTURE SUMMIT USA**

“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/>

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