



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

May 27, 2022, No. 647

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[Battery Industry Upcoming updated list](#)  
[Battery market reports 2022](#)

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### ***Virtual Battery Trainings***

31.5-1/6/2022 EV & ESS High Voltage Battery Pack Design Virtual Seminar (5 hours - 2 parts of 2.5 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

5-7/7/2022 Battery Virtual Seminar (8 hours - 4 parts of 2 hours each) -

16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

Li-Ion Cells Manufacturing Virtual Seminar - 19-20/7/2022 - 7 hours training - [Program & Registration](#)

### ***Frontal Battery Training***

20-21/6/2022 - 2nd EV Hands-On Battery and Production Seminar - [program and registration](#)

7-8/9/2022 - 8th Li-Ion Cells Manufacturing Seminar - [program & registration](#)

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### ***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](#)

We also sell chipset for PCM/BMS - Contact us with requirements.

### ***Batteries and Super Capacitors news***

[Continental launches new sensors to protect EV batteries](#)

[NIO to invest \\$32.8M to build Shanghai lithium-ion battery lab and cell pilot production line](#)

[Volta Technology Limited to Roll Out Innovative Solid-State Batteries in Early 2023](#)

[With high silicon automobile batteries, Mercedes-Benz and Sila have made significant progress](#)

[Polestar Announces Strategic Partnership With StoreDot, a Company Developing Rapid Charging Technology for EV Batteries](#)

[Europe's First Cylindrical Lithium-Ion Battery Plant Ready for Production](#)

[Hengdian dongci: 6gwh lithium battery project is expected to be completed and put into operation by the end of this year](#)

[Volkswagen global EV production network grows with launch of second German site in Emden](#)

[AFP inks deal with Lion Energy to deliver 18 GWh of LFP battery cells](#)

[BYD CTB technology was launched in the world, and the first model seal was launched for pre-sale at the same time](#)

[NOVONIX to Participate in Citi's 2022 Lithium & Battery Virtual Day](#)

[US developer Pine Gate in second multi-gigawatt non-lithium battery supply MOU in a week](#)

[Belgium Plant Will Supply Batteries for Volvo Trucks](#)

[Corvus Energy to open U.S. battery factory](#)

[FREYR Battery Begins Preparatory Work in Vaasa, Finland](#)

[Inside the race for a car battery that charges fast — and won't catch fire](#)

[Freudenberg to Present Battery Pack and Liquid Absorbers at Battery Show](#)

[World's First Pocket-Sized eBike Battery Converts Any Bike Into an Electric Bike](#)

[Sila's High-Efficiency Battery Anode To Power Electric Mercedes-Benz SUVs](#)

[Æsir Technologies Awarded Phase 2 Funding From National Science Foundation For Groundbreaking Lithium-Zinc Ion Battery](#)

[Imec Spinoff Raises €10m to Develop Solid-State Batteries](#)

[GMG and Rio Tinto to Explore the Use and Development of GMG's Energy Saving Products and Graphene Aluminium-Ion Battery](#)

## ***Battery Materials news***

[A novel lithium-air battery could pave the way for electric passenger planes](#)

[Top Lithium Miner Albemarle Boosts Outlook With Battery Demand Surging](#)

[Bolivia develops production of lithium batteries](#)

[Tianqi Lithium Partners with Welion to Expand into the Anode Material Market](#)

[Battery grade lithium hydroxide can finally be produced in Australia](#)

[Black cat Co., Ltd.: the self-developed lithium battery grade conductive carbon black samples have been sent to the downstream lithium battery enterprises for testing](#)

[Critical Elements produces battery grade lithium hydroxide](#)

[China's GEM Eyes Swiss Listing to Fund Battery Recycling Plant for European Clients](#)



[NEI Corporation](#) produces a variety of oxide-based solid electrolyte powders with distinctive features, such as high phase purity and crystallinity, fine particle size, and a high degree of particle size distribution (PSD) uniformity. Contact us to learn more.

[BYD secures \\$593 million worth of lithium supplies from local producer](#)

[Aleees signs technology licensing deal with US firm](#)

[Hydrovolt, The Largest Battery Recycling Facility In Europe, Begins Operations](#)

[Ara Partners Invests in Blue Whale Materials to Build Leading Lithium-Ion Battery Recycling Platform](#)

## ***Chargers & BMS News***

[Korea, US to expand mutual investment in battery, chip: Yoon](#)

## ***Grid Storage Batteries News***

[Sungrow Supplies India's Largest Battery Energy Storage System Plant with Tata Power Solar Systems Limited](#)

[LG Energy Solution unveils new battery storage solutions, moves to LFP](#)

[EVE Energy Invests \\$444 Million in Power Energy Storage Batteries](#)



Following the success of the 1st and 2nd event editions, [ACI's European Electric Vehicle Batteries Summit](#) will be taking place in Rotterdam, the Netherlands on 8<sup>th</sup> – 9<sup>th</sup> June 2022 . It will bring together industry leaders from major car manufacturers, off high road vehicle manufacturers & battery producers. Don't miss out on this excellent networking opportunity. [Agenda Here](#)



AABC Europe - 13-15 June 2022



June 21-22, 2022 - The Battery Electric Vehicles Architectures USA Congress 2022 is pitched at the whole vehicle systems design level to help OEMS and tier 1-3 supplier partners understand the key engineering trends and new technology applications for the next generation of B.E.V.s. **Topics like these on improving energy efficiency, balancing thermal performance and weight reduction** are amongst the key engineering themes driving many of the OEM panel presentations



[The International Flow Battery Forum \(IFBF®\)](#) is the leading event for the flow battery community. The IFBF promotes the most recent developments in the science, technology and deployment of flow batteries and its conferences cover a broad range of interests in research and commercial aspects of flow batteries. Since 2010 the IFBF has been running conferences attracting over 250 attendees each year.



[The Battery Show Europe](#) : 28-30/6/12/2022 - Join industry peers at the leading meeting place for the advanced battery and H/EV technology community, where you can meet over 500 suppliers and watch live product demonstrations. Register today for a complimentary pass. Running alongside the free-to-attend trade fair is an expert-led conference with speakers from top manufacturers. - **Messe Stuttgart, Germany.**

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[Battery Cells & System Expo 2022](#) - A major exhibition and conference for the advanced battery industry launches on 29th-30th, June, 2022 at the NAEC Stoneleigh, Warwickshire UK. This international showcase of manufacturers, users and the entire supply chain working to increase battery performance, cost and safety will gather in the heart of UK manufacturing.

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Battery Experts Forum

THE international expert platform for the latest trends, product developments and solutions in battery technology will be back in 2022. Three days full of inspiring presentations, informative exhibition stands and active networking await you from July 12-14 at Messe Frankfurt. Register now and book your exclusive booth space for your company or get your conference ticket to an affordable early bird price! More information on [www.battery-experts-forum.com](http://www.battery-experts-forum.com)

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[Solid State battery summit 2022 - August 2-3, 2022 - Chicago, IL, USA](#)

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Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [4th Oslo Battery Days conference](#) in Oslo, Norway, August 22-23, 2022.



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## 4<sup>th</sup> International Symposium on Mg Batteries (MagBatt IV)

The 4th International Symposium on Magnesium Batteries (MagBatt IV) will take place from September 6 to 8, 2022 in Ulm, Germany. As always we will welcome some of the world's top battery speakers. This time we extend the program with calcium, zinc and aluminum batteries.

Web: <https://www.postlithiumstorage.org/en/magbatt-iv>

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## THE BATTERY SHOW NORTH AMERICA

**The Battery Show** - September 12-15, 2022 Headline: Ready to Inspire the Next Great Battery Application? Now in its 10th year, The Battery Show 2021 is North America's largest and most comprehensive annual trade show event for the advanced battery manufacturing industry representing the entire supply chain from raw materials through end-of-life battery recycling. Combined with the Electric & Hybrid Vehicle Technology Expo, this two-in-one event gives you a complete end-to-end view across the entire battery supply chain.

**Electric & Hybrid Vehicle Technology Expo** - Headline: Join the Auto Revolution at the EVT Show. Each year, engineers, innovators, and thought leaders converge in Novi, Michigan, for a conference and expo dedicated to the fast-moving EV and HEV drive train and power system industries. Combined with The Battery Show, this two-in-one event offers the latest in electric motors, cooling, converters, and charging as well as an end-to-end view across the complete battery supply chain.

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**The 6th World Energy Storage Day**- Global Conference and virtual Expo (GCE), which will be held on 22 September 2022. WESD is a global movement initiated by various apex trade bodies working to promote and adopt energy storage, e-mobility & green hydrogen technologies for a sustainable future. This event is one of the largest open global event in this domain. The program highlights include: Country roundtable, Technology workshop, Partner seminar, Virtual tour, Start-up pitch, Product launch, Networking lounge, Virtual expo, Media corner

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The 12th Battery Safety Summit 2022 - October 17-19, 2022

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[Batteries Event 2022](#) will take place in Lyon, France, 18-22/10/2022. Our ambition: to be a must-attend event for those who want to meet with high level representatives and have a clear vision of the profound transformations to come, made possible by the massive growth of the battery industry in Europe. We will welcome you in Lyon, from October 18 to 21, at Palais des Congrès. We expected +500 attendees, 100 international speakers and +60 booths.

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

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

Twitter : @BatteriesEvent

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3<sup>rd</sup> Future Battery Forum

Nov 3 - 4, 2022 // ECC Berlin + Online

### 3rd Future Battery Forum 20212

- Topic: " Next level: Establishing the battery society"
  - Date: 03 - 04.11.2022
  - Location: Estrel Convention Center, Berlin, Germany
  - Target groups: users, battery systems & cell manufacturers and their suppliers
  - Hybrid conference: 500+ people on site and 2,000+ virtually
  - [Floorplan](#)
  - Details: [www.futurebattery.eu](http://www.futurebattery.eu)
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[AABC USA](#) - 5-8 December 2022

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16-17 March 2023 - Rechargeable batteries attract attention year after year in the fields of automobile/housing/business applications and mobile



applications. [BATTERY JAPAN 2023](#) is the world's largest\* exhibition specialized in manufacturing and R&D of rechargeable batteries. All kinds of materials, manufacturing technologies, inspection/analysis equipment, and battery itself will gather from around the world. Exhibit & Visit the show to expand your business in Japan and Asia!  
(\*"Largest" in reference to the met exhibit space of trade shows with the same concept.)

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[The 15th China International Battery Fair](#) (CIBF2023), organized by China Industrial Association of Power Sources, was originally planned to be held in Shenzhen Convention & Exhibition Center. The novel corona virus is spreading all around the world. In order to protect the health and life safety of exhibitors, visitors and partners, and ensure the exhibition results of exhibitors at home and abroad, we solemnly announce: the 14th China International Battery Fair, CIBF2021 will be held in Shenzhen Convention & Exhibition Center on March 17-29, 2023, and the exhibition venue, booth number and area of exhibitors will remain unchanged.

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International battery seminar & exhibit 2023 - March 20-23/2023

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**InterBattery2023**, first launched in 2013 in Seoul, Korea, is Korea's leading battery exhibition showcasing various new products and technologies of battery industry. InterBattery 2023 attracts more than 400 exhibitors(domestic/overseas) and 1,200 booths including global top corporates of battery manufacturers such as Samsung SDI, LG Energysolution, SK On, CATL. **CHARGE Your Business through InterBattery 2023** ! The link for our website is : <http://interbattery.or.kr/en/>

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[49th Power Sources Conference](#), TBD 2023, Sawgrass Marriott Resort, Jacksonville, FL, USA

The Power Sources Conference is the oldest continually held biennial conference devoted to research and development of power source, energy conversion, power distribution and management technologies for military use. The conference goal is to bring Government, industry and academic researchers and developers together to discuss advances in power and energy technologies to support the growing power demands of military platforms and electronic systems.

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