



## Shmuel De-Leon Batteries, Super-Capacitors, Fuel-Cells & EV's Weekly Newsletter

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Sent to more than 150,000 Energy Storage industry members  
Serving the industry since 1/2010

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### ***Battery Training***

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18-19/11/2019, 5th Li-Ion Cells Manufacturing Seminar, Rochester, NY,  
USA, [Program](#)

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25-26/11/2019, 2 Days Battery Seminar, Wezep, Netherlands, [Program](#)

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10/12/2019 Battery Safety Tutorial as part of 5th Annual Sensor Summit,  
San Diego, CA, USA, [Program](#)

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14/1/2020 Battery Safety Tutorial as part of AABC Europe, Wiesbaden.  
Germany [Program](#)

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21-22/1/2020 2nd Li-Ion Solid Electrolyte & Lithium Metal (Liquid & Solid electrolyte) Rechargeable Cells Manufacturing Seminar (USA). [Program](#)

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10/2/2020 Battery Safety Tutorial as part of NAATBatt 2020 Annual Meeting & Conference, Pasadena, CA, USA [Program](#)

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19-20/2/2020 2nd Solid Electrolyte Li-Ion Cells Production Technology Seminar Europe, Germany [Program](#)

### ***Special Offers***

Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors: [Some of the cells we sell](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up fr free 30 days trial](#)

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

[FCA Announces €50 Million Battery Hub At Mirafiori Plant In Italy](#)

[BASF's next battery chemical investment likely in Germany - CEO in Manager Magazin](#)

[Counterfeit lithium batteries pose increased risk to aviation sector](#)

[Itochu and BYD team up to find second life for EV batteries](#)

[Companies set up plants to tap \\$1-billion business in recycling Li-ion batteries](#)

[Dana Powers Tractor with Electric Powertrain](#)

[Maxell to Roll Out Sulfide-based All-solid Battery in FY 2020 \(1\)](#)

[Follow-up order for Manz in the Energy Storage segment](#)

[ZAF Energy Systems Has a Big Month](#)

[Wheelchair battery ignites fire in hold of El Al plane before Paris takeoff](#)

[Chinese scientists create tiny battery capable of working in ultra-low temperatures](#)



[AMETEK Specialty Metal Products](#) manufactures **99.98% Purity Nickel Strip** made by wrought Powder Metallurgy technology. Our process produces high conductivity materials used in collectors and connector tab for many battery chemistries and offers major advantages in rechargeable battery production:

- Highest Conductivity Nickel
- Consistent Chemistry Control
- Standard and Custom Sizes & Tempers
- Short Lead-times
- Small Minimum Order Sizes

Find out more [here](#)

[Why UL Certification Is Important For A Lithium-ion Battery Pack](#)

[Tianqi Lithium has first loss in 5-1/2 years as lithium prices crash](#)

[Hitachi Chemical to set up new Thai unit to integrate lead-acid car battery business](#)

[Slovenia and Sweden develop cheaper batteries for energy applications](#)

[Battery Manufacturer Plans U.S. Factory With More Than 2,000 New Jobs](#)

[LG Chem enjoys surplus in Q3 from battery biz](#)

[Profit of battery giant CATL surges in January-September](#)

[Laptop Battery Causes Fire On A School Bus](#)

[BASF's next battery chemical investment likely in Germany - CEO in Manager Magazin](#)

[Long-time Vermont battery producer moving to Wisconsin](#)

## ***Raw & Battery Materials news***

[NEW: CUSTOMCELLS® - HIGH TEMPERATURE LITHIUM ION CELL TECHNOLOGY](#)

[Fluence Corporation receives contract to decontaminate lithium carbonate production in Argentina](#)

[Lead price spurt amid weak auto sales a concern for battery firms](#)

[Umicore Inks Deal with Samsung SDI for NCM Materials](#)

[Baili Engineering Wins USD66.5 Million Bid to Build Lithium Battery Materials Plant](#)

## [Stretchable Batteries Are The Future For Wearable Tech](#)

**NANOMYTE® Cathode & Anode Electrode Sheets**  
Standard & Custom options | Ships direct to you | See what's in stock >>

[NEI Corporation](#) supplies cathode and anode electrode sheets for lithium-ion batteries in packages of 2, 5, and 10 sheets. Standard sheets are ready-to-ship or can be customized to your specification. Request your quote today!  
<https://www.neicorporation.com/products/batteries/cathode-anode-tapes/>

## [Lithium-ion battery recycling MoU between SMS Group and Neometals](#)

## [Another aluminum-air battery promises 1,500 miles of range from a charge](#)

## [POSCO Chemical Set to Ramp up Anode Materials Production](#)

### ***xEV`S News***

## [Tokyo auto show highlights: Ariya and MX-30 electric vehicles](#)

## [Indonesia Looks to Accelerate Battery Electric Vehicle Program](#)

## [Navistar Creates Electrification Business Unit, Unveils Battery-Electric Prototype](#)

### ***Chargers News***

## [ITT Cannon reveals DC charging up to 500 kW](#)

## [WiTricity Licenses Green Power to Build Wireless Chargers for South Korean Electric Vehicle Market](#)

## [DEUTZ acquires battery management company Futavis](#)

## [Electro.Aero presents DC charging for electric aircraft](#)

## [ABB buys up China's Chargedot](#)

## [Lidl installs fast-chargers across UK stores](#)

### ***Grid Energy Storage News***

## ['Samsung SDI's ESS is 100 percent fireproof'](#)

[UK proposes to increase planning threshold for ESS projects to 350MW](#)

[StorEn Technologies Has Created A New Grid-Scale Flow Battery Application](#)

[ESS Inc. Raises \\$30 Million From Investor Group to Expand Company and Deploy Next-Generation Flow Battery Energy Storage Systems](#)

## ***Fuel Cells News***

[Renault joins Toyota, Hyundai with hydrogen delivery vans](#)

[Big battery and fuel cell will power electric harbor tug](#)



48V Conference: 7th International Conference: Automotive 48V Power Supply Systems, 11-14 November 2019 | Hotel Palace Berlin - Berlin, Germany, Automotive IQ presents the world's largest and longest running international conference with a pure focus on 48V case studies and experiences. After several years of investigating, planning, and optimizing the technology, 48V powered mild-hybrid cars are finally becoming a reality. Various OEMs are putting models– and not only in the premium segment – on the market. The next stage is to determine what more is possible and how to make this technology a standard for the mass consumer market.

DOWNLOAD THE AGENDA: [http://bit.ly/Agenda 48V 2019](http://bit.ly/Agenda_48V_2019)



[eMove360° ASIA Conference 13-15/11/2019](#)

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4th Annual ASEAN Solar+ Energy Storage Congress & Expo 2019 has made its name as the largest congress focusing on solar and energy storage market in ASEAN region. This year, the event will be back to Manila on Nov 14-15, meanwhile, launching the region’s first Floating Solar Summit “Floating Solar ASEAN 2019” as concurrent show.



[NASA Aerospace Battery Workshop 2019 conference, 19-21/11/2019](#)



Shmuel De-Leon Energy will organize the [8th Israeli Battery Conference & Seminar](#) in Kefar-Saba, Israel, 16-18/12/2019.



[AABC Europe 2020 conference, Wiesbaden, Germany – 12-16/1/2020](#)



Amprion and Shmuel De-Leon Energy will organize the [Amprion Forum Battery Event](#) to present Amprion company and products to invited attendants. 20/1/2020, Fermont, CA, USA



NAATBatt 2020, the 11th annual meeting of NAATBatt International, will be held February 10-13, 2020, at the Langham Huntington Pasadena hotel in Pasadena, CA. The program will focus on the advanced battery market in North America across multiple applications, including motive, ESS, military, consumer and industrial. The latest market trends, forecasts and

technologies will be reviewed by leading experts in advanced battery markets and technologies. See: <https://naatbatt.org/2020conference/>

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## 11th Int'l Rechargeable Battery Expo

# BATTERY JAPAN

[BATTERY JAPAN 2020](#) is the Japan's largest B-to-B trade show for rechargeable battery industry to be held in Tokyo. The show scale has been increasing year after year and we are expecting to welcome 1,600\* exhibitors & 70,000\* visitors from all over the world. (\*incl. concurrent shows)  
Exhibit & Visit the show to expand your business in Japan and Asia!



f-cell+HFC April 1+2, 2020 The Hydrogen and Fuel Cell Event being held at the prominent Vancouver Conference Centre. 50+ International Speakers, Trade Fair, Workshops and a celebrated Evening Event are included. Participate as a Sponsor, Exhibitor, or as a Visitor at this Canadian highlighted networking event. Follow us on social media #fcellhfc and watch the options grow on our website [www.hyfcell.com](http://www.hyfcell.com)



[International Battery Seminar & Exhibit conference 2020, Orlando, FL, USA – 30/3-2/4, 2020](#)



[Battery Show Europe conference 2020, Stuttgart, Germany – 28-30/4/2020](#)



RRC Power Solutions GmbH and Shmuel De-Leon energy are pleased to invite you to participate in the [3rd Medical battery conference](#), which will take place at the Hotel Columbus, Seligenstadt, Germany on May 4-5, 2020. The Conference for Medical batteries will meet to discuss and provide a platform for technological innovations and business opportunities with the latest updates in that fields in Germany and abroad. The conference is held once a year and is the leading and the only Medical Battery dedicated conference, bringing together participants from leading private and public battery and companies, start-ups, investors, academics and businesses that are

interested in the Medical battery field.

Conference Web Site: <http://www.medicalbatteryconference.com/>



The 11<sup>th</sup> International Conference on Lead-Acid Batteries **LABAT'2020** will be held 9-12 June 2020 in the magnificent Golden Sands resort on the Bulgarian Black Sea coast ([www.labatscience.com](http://www.labatscience.com)). LABAT is a globally recognized scientific forum gathering leading battery experts, technologists and academic researchers from all over the world. LABAT'2020 technical sessions will once again offer an insight into the latest research achievements and development trends in the field of lead-acid battery manufacture, operation and recycling, while the exhibition fair will present a perfect opportunity to showcase your new products and services.



[49th Power Sources Conference](#), 15-18 June 2020, 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.



The eleventh International Flow Battery Forum will be held in Düsseldorf, Germany from 30<sup>th</sup> June – 2<sup>nd</sup> July 2020. The IFBF is the major international conference covering all aspects of flow battery research, development, technology, manufacturing and commercialization. Volterion and John Cockerill will be hosting visits to flow batteries after the conference. **The call for papers opens on 1 December 2019:** <https://flowbatteryforum.com/call-for-papers/>





Battery Cells & System Expo 2020 - A major exhibition and conference for the advanced battery industry launches on 8th - 9th July 2020 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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**f-cell Stuttgart, September 29+30, 2020 – the annual event for hydrogen and fuel cell professionals**

The networking event consists of a leading conference, providing an up to date overview of relevant hydrogen and fuel cell markets and technologies worldwide; an international trade fair, interactive workshops and topic tables, thus offering active networking opportunities. Register online for the conference or contact us to discuss your involvement. [www.f-cell.de](http://www.f-cell.de)

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