

Is innolith bringing a Li-ion battery to market?

The Swiss battery manufacturer Innolith is ready to bring its Li-Ion battery platform I-State to market. Using a new battery chemistry, the manufacturer says it will cut costs and increase range on EVs. Swiss battery cell developer Innolith announced plans to commercialise its I-State platform for use in electric vehicles.

What is innolith I-state battery technology?

Basel, Switzerland, 13 th June 2023 - Innolith, a European developer of Li-ion battery cell technologies, today announces the commercialisation of its I-State battery technology platform for use in electric vehicles (EVs) and e-mobility applications.

Is innolith developing the world's first rechargeable battery?

Comment! Innolith announced that it is developing the world's first rechargeable battery with an energy density of 1,000 Wh/kg (or simply 1 kWh per kg of weight).

What is innolith e-mobility battery technology?

Innolith runs one of the world's leading battery cell research programs at its R&D Center in Bruchsal, Germany, where it is pioneering a next generation e-mobility battery technology based on a proprietary electrolyte that delivers cells with lower cost, high energy density along with higher safety and temperature performance.

What is innolith battery cell technology?

The Innolith battery cell technology is based on the proprietary liquid inorganic electrolyte that can operate at up to 5 volts without degradation, unlike the Li-ion batteries in use today that are limited to 4.2 volts. This gives the batteries higher gravimetric energy density of 300 Wh/kg and volumetric energy density of 825 Wh/L.

Are innolith batteries flammable?

“Innolith has already proven the breakthrough character of non-flammable, inorganic rechargeable batteries with its first product, a Grid-Scale Power Battery that is used today in the PJM grid in the US to provide fast frequency regulation services.

JAPAN INNOLITH ENERGY BATTERY



Our Chief Scientist, Dr Laurent Zinck and Head of Electrolyte Industrialization, Michael Hassler were recently interviewed by the prestigious German publication CHEManager to discuss our I-State Technology, a new class of inorganic electrolyte. Laurent and Michael detailed how our battery is achieving remarkable energy densities and outperforming conventional ???



Innolith aims to start mass production in 2020, preceded by production line tests in 2019. Manufacturing will be carried out by partners, while the company will focus on research and development (R& D). Greentech Media reported that Innolith is a relaunch of bankrupt battery firm Alevo.



Smart Energy International recently covered the announcement of the commercialisation of our I-State technology. The article explains how we have signed MoUs with five companies so far, across EV, off-road, aviation, and mining applications, which includes one of the leading EV manufacturers. Read the article [here](#).

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: Innolith, the German start-up that rose from the ashes of Alevo, reported on April 4 that it has developed the world's first 1,000 Wh/kg rechargeable lithium battery ??? giving an electric vehicle the potential of reaching 1,000km per charge.. Under development in the company's German laboratory, the Innolith battery uses a non-flammable inorganic electrolyte ???



It leased a 900-hectare site with 300,000 square meters of floor space, formerly owned by the cigarette company Philip Morris, in Concord, North Carolina, before securing a reliable pipeline of



Green Car Congress, a website focusing on sustainable mobility, recently covered the commercialisation of our I-State Technology. The article explains how I-State offers high energy density, improved safety, and performance. It operates at higher voltages, allowing for better cathode utilisation and a 20% reduction in cathode metals. Discussing how we have ???

JAPAN INNOLITH ENERGY BATTERY



With goals of climate-neutral manufacturing by 2026 and 100% renewable energy in production, Innolith solidifies its commitment to a sustainable future. As the world grapples with the exigent need to transition to sustainable energy solutions, Innolith's I-State technology certainly presents a compelling case. The Green Products Awards



Innolith also owns Alevo's only operational battery plant ??? nicknamed Snook ??? located in the US and operating on the PJM Energy Market for over a year, The link between the firms continues with the management of Innolith: its chairman Alan Greenshields was the former company's chief technology officer; its chief executive officer Sergey



An der Entwicklung eines anorganischen Elektrolyten arbeitet Innolith bereits einige Jahre. Bereits 2019 skizzierten die Schweizer ihre Ambitionen auf diesem Feld. Laut einer aktuellen Mitteilung des Unternehmens erm?glicht der anorganische Elektrolyt h?here Spannungen (bis zu 5 Volt) als herk?mmliche Li-Ionen-Batteriezellen (maximal 4,2 Volt), eine ???

JAPAN INNOLITH ENERGY BATTERY



Innolith's I-State Battery represents a groundbreaking leap forward in electric vehicle battery technology. Its higher energy density, lower cost, and reduced dependency on green metals make it



The Batemo Cell Model of the lithium-ion battery cell Innolith High Power 21700 (A) is a high-precision, physical cell model with global validity. As a digital twin it seamlessly integrates into your research, development and battery analytics ???



Innolith, an energy technology company, has developed a Li-ion battery with 4x the energy density of the batteries Tesla uses in its Model 3. Looking into one of their patents for a battery module, they state that, "The electrolyte of the battery cells is preferably SO₂-based." Supercritical CO₂ heat pump sales in Japan have now reached

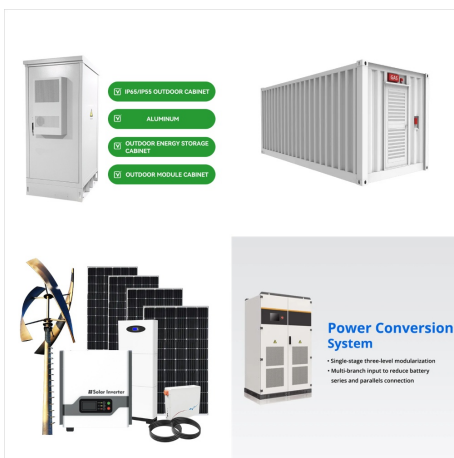
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Innolith annuncia lo sviluppo della prima batteria ricaricabile da 1.000 Wh/kg al mondo. Un record mondiale su cui restano per? molti dubbi Sicura, economica e con una capacit? mai vista prima: l'"Innolith Energy Battery assicura di possedere le qualit? che si possano desiderare in una batteria ricaricabile e di poter rivoluzionare l



Swiss startup Innolith says it has done it and in spectacular fashion ??? a lithium-ion battery with an energy density of 1,000 watt-hours of electricity per kilogram. Credit: Innolith via



A team of chemists and engineers at Swiss-German battery start-up Innolith have developed a new battery chemistry they claim is superior to lithium-ion. Innolith, a Basel-based company with a 60-strong R& D team in Bruchsal, near Frankfurt, technology needed as more cities rely on renewable energy like wind and solar. Renewables are better

JAPAN INNOLITH ENERGY BATTERY



The other benefits of Innolith Energy Battery would be radical cost reduction, This \$15,000 Nissan Kei Car Is Japan's Best-Selling EV. Battery Replacement Costs Are Poised To Plunge: "Cheaper



, Innolith's I-State battery technology has been selected for the Mobility Award, which acknowledges transformative technologies that assist the global energy transition. Participants from 40 countries ???



JustAuto reported that aside from lowering EV costs and making them more sustainable, technology based on the battery's platform is in development to provide a longer EV range with 350-400 Wh/kg energy densities.. Konstantin Solodovnikov, CEO of Innolith, told JustAuto, "Conventional Li-ion has served us well for 40 years but has well-known limitations ???

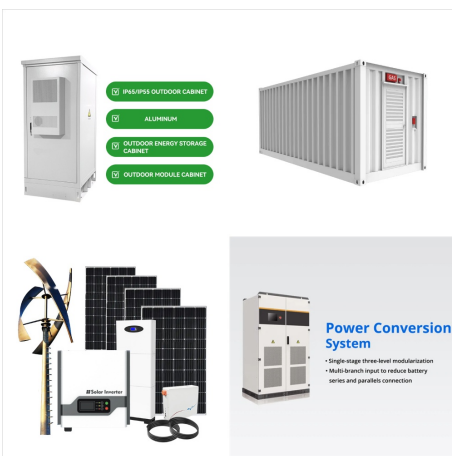
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Die Schweizer Firma Innolith gibt an, eine wiederaufladbare Batterie mit einer bislang unerreichten Leistungsdichte von 1000 Wh/kg entwickelt zu haben. Die so genannte Energy Battery soll Reichweiten von über 1.000 Kilometern ermöglichen und gleichzeitig die Kosten erheblich senken.



Swiss start-up Innolith is claiming to have made major advances towards solving both problems with a world-first battery with energy density of 1kWh per kilogram. Rather than the organic electrolyte that most lithium ion batteries contain, which is flammable, these batteries have an entirely inorganic, non-flammable electrolyte system and they



The Innolith battery cell technology is based on the proprietary liquid inorganic electrolyte that can operate at up to 5 volts without degradation, unlike the Li-ion batteries in use today that are limited to 4.2 volts. In addition to a high energy cell, Innolith has recently developed a high power cell on the same I-State platform

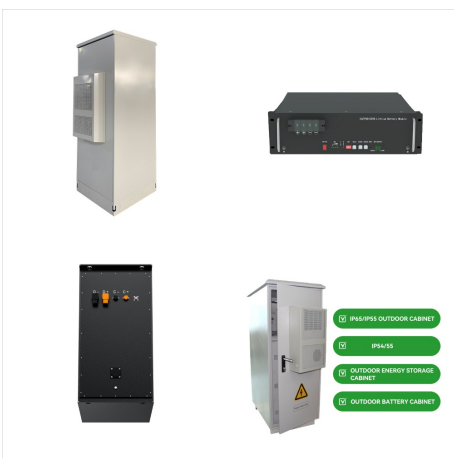
JAPAN INNOLITH ENERGY BATTERY



Innolith, a European developer of Li-ion battery cell technologies, announces the commercialisation of its I-State battery technology platform for use in electric vehicles (EVs) and e-mobility applications.



Innolith AG is the world leader in rechargeable Inorganic Battery Technology. The company is based in Basel, Switzerland and it claims 1000 Wh/kg battery breakthrough with unprecedented levels of safety, durability, power and now energy. "The EV revolution is currently stymied by the limitations of available batteries." explains Sergey Buchin, CEO of Innolith AG.



, Innolith's I-State battery technology has been selected for the Mobility Award, which acknowledges transformative technologies that assist the global energy transition. Participants from 40 countries submitted a record 1300 entries to the 2023 Green Product Awards, demonstrating the importance of ideas, products, concepts and

JAPAN INNOLITH ENERGY BATTERY



The I-State Power Cell will be used for e-mobility applications that require high-energy density battery capable of delivering high power. Target markets include leading performance sports and luxury BEV, off-road, About Innolith Innolith is a battery technology company, headquartered in Basel, Switzerland, that develops battery cell



The Batemo Cell Model of the lithium-ion battery cell Innolith High Power 21700 (A) is a high-precision, physical cell model with global validity. As a digital twin it seamlessly integrates into your research, development and battery analytics by basing your decisions on simulations. Energy Characteristics: The graph visualizes