



Chile prologium solid state battery

What is prologium's 106ah solid-state battery?

A highlight of the event was the unveiling of 106Ah solid-state battery manufactured with high-silicon anode at the facility, designed for electric vehicles. ProLogium not only showcased its proprietary manufacturing technology for solid-state batteries but also highlighted the commercial viability of the next-generation battery structure.

Is prologium a solid-state battery company?

PRNewswire/-- On January 23rd, ProLogium Technology, a global leader in solid-state battery innovation, inaugurated its Taoke factory, marking a significant...

What is prologium's 106-ampere-hour high-silicon anode solid-state battery?

At the official opening of the gigafactory, the company demonstrated a 106-ampere-hour high-silicon anode solid-state battery which was produced at the facility. ProLogium has opened a Taiwanese factory which is the world's first gigawatt-hour capacity solid-state lithium-ceramic battery plant.

How will prologium's solid-state batteries impact the global supply chain?

The materials, processes and economic benefits of ProLogium's solid-state batteries will be demonstrated at the Taoke Plant, and then ProLogium may expand these achievements globally and connect with the global supply chain. We eagerly anticipate these outcomes and look forward to the flourishing development of ProLogium.

How much energy does a prologium battery produce?

In March 2024, ProLogium achieved TÜV Rheinland certification for its battery's energy density at 749 Wh/L (volumetric) and 321 Wh/kg (gravimetric). By December, ProLogium has raised the bar to 811.6 Wh/L and 359.2 Wh/kg, exceeding its October forecast.

What is prologium battery?

ProLogium is a lithium ceramic battery manufacturer that is leading in the commercialization of safer EV batteries with higher energy density and superior performance. Following its first shipment of lithium-ceramic battery (LCB) in 2014, ProLogium's R&D and production capabilities for SSBs have been verified by various markets.

The first Mercedes-Benz test vehicles equipped with solid-state batteries co-developed with ProLogium are expected to be introduced in the coming years. The companies also agreed on milestones that would enable integration of the solid-state battery technology into a range of passenger vehicles in the second half of the decade.

Thanks to the use of a solid ceramic electrolyte and its superb thermal capabilities, the company was able to



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increase the size of battery cells and keep them rectangular in shape - not too different from CATL's Qilin battery tech. That resulted in fewer individual battery cells, fewer battery cells means fewer parallel connections and the result is a simpler ...

"The Time is Now." New Technological Structure Opens a New Chapter in the Battery Industry. TAOYUAN, Jan. 23, 2024 /PRNewswire/ -- On January 23rd, ProLogium Technology, a global leader in solid ...

ProLogium Technology will be attending the Paris Motor Show - "Revolution is on", from 17 to 23 October 2022 at Porte de Versailles. The motor show presents a great opportunity for ProLogium to showcase its proprietary technologies of next generation solid-state battery (SSB) and to unveil its latest innovations to industry experts and international audience ...

ProLogium Technology has recently launched what it claims as the world's first giga-scale solid-state lithium ceramic battery facility "Taoke" at Taoyuan in northwestern Taiwan. ... a memorandum of understanding with ...

ProLogium Technology has opened the world's first giga-level solid-state lithium ceramic battery factory in Taoyuan Hi-Tech Industrial Park, Taiwan. The factory will primarily make batteries for ...

A Game-Changing Battery Technology That Achieves High Energy Density and Scalable Production, Ready to Drive the Global Energy Transition. ProLogium Technology, a pioneer in lithium-ion battery innovation, was invited to the Solid-State Battery Summit (SSB Summit) on August 14, 2024, Chicago, USA. The company's Chief Scientist, Dr. Dmitry Belov, ...

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On January 23rd, ProLogium Technology, a global leader in solid-state battery innovation, inaugurated its Taoke factory, marking a significant milestone in the battery industry.

At 17:00 on June 15, Taipei Time (GMT+8), an exclusive first look at "How ProLogium's Solid-State Battery is Made", a video introduction of the company's manufacturing process, was published on ...

In an exciting development for electric vehicle (EV) enthusiasts, Mercedes-Benz partner ProLogium has unveiled a groundbreaking solid-state battery design that can increase a Tesla Model Y's range ...

ProLogium is a battery manufacturer focused on next-generation solid-state-battery solutions for EVs. The company announced that it will invest EUR 5.2 billion in a new facility which happens to be its first large-scale solid-state battery manufacturing facility outside of ...

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The race to a solid-state battery EV future is on, with Nissan, Hyundai and Toyota among those competing to debut a vehicle powered by solid-state batteries. Nissan is currently developing prototypes at its dedicated solid ...

New Structure Enables Advanced Chemistry and Superior Battery Performance . ProLogium's groundbreaking battery structure supports various chemical systems for diverse applications. ... the volumetric energy densities can reach 900-1,100 Wh/L. Coupling ultra-thin lithium metal with solid-state electrolytes and lithium-free soft cathode active ...

Mercedes-Benz makes a high double-digit million euro investment into solid-state battery developer ProLogium, months after making a similar investment in US-based Factorial Energy.; The German ...

Gogoro's new battery prototype was jointly developed with Prologium Technology, a leader in solid-state lithium ceramic batteries. March 8, 2022. ... founder and CEO of ProLogium Technology. "Solid-state battery technologies present a new phase in the future of electric vehicles, and we look forward to advancing this Gogoro prototype ...

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