



Togo prologium battery

Is prologium a good battery?

Battery tech firm ProLogium has taken the wraps off its 100% silicon composite anode battery. The Taiwanese company claimed a major leap in energy density and charging efficiency, promising 186 miles of range from a five-minute charge.

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.

Is prologium a LCB-based battery?

ProLogium Technology, the global leader in LCB-based next-generation battery innovation, premiered its 100% silicon composite anode battery today (October 14) at the 2024 Paris Motor Show. "Our next-generation battery technology effectively addresses many of the challenges in the electric vehicle industry.

Is prologium the world's only next-generation battery pack?

Showcasing the Industry's Only Next-Generation Battery Pack in Partnership with FEV Group for Automotive Applications PARIS, Oct. 14, 2024 /PRNewswire/-- ProLogium Technology, the global leader in LCB-based next-generation battery innovation, premiered its 100% silicon composite anode battery today (October 14) at the 2024 Paris Motor Show.

How far can a prologium battery go?

Highlighting its potential for use in EVs at the ongoing Paris Motor Show, the Taiwanese company claimed a major leap in energy density and charging efficiency, promising 186 miles (300 km) of range from a five-minute charge. Let's dive into the juicy numbers right away. ProLogium said its new battery system manages an energy density of 321 Wh/kg.

What is prologium's 100 percent silicon composite anode battery?

ProLogium's 100% silicon composite anode battery. ProLogium Technology, which specializes in the development and production of lithium ceramic batteries, has unveiled its 100 percent silicon composite anode battery. The battery made its premiere on October 14 at the Paris Motor Show.

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ProLogium's battery concept, "Small Battery, Big Future", provides consumers with an easy transition to EVs equipped with next-generation batteries. The battery achieves energy densities of 749 Wh/L and 321 Wh/kg and a five-minute fast charge provides approximately 300 km of range, already outperforming current lithium-ion batteries ...

ProLogium is the first battery company in the world to mass-produce solid-state lithium ceramic batteries. Its proprietary technologies cover nearly 600 (applied and awarded) patents worldwide. ProLogium's automated pilot production line has provided nearly 8,000 solid-state battery sample cells to global car manufacturers for testing and ...

According to TÜV Rheinland, ProLogium's battery is highly energy dense [Note] and capable of fast charging from 5% to 80% state of charge (SOC) in just 8.5 minutes, ...

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Taiwanese Battery Maker ProLogium Is Said to Weigh SPAC Deal. Kiel Porter and Manuel Baigorri . Tue, Mar 30, 2021, 9:00 PM 2 min read. In This Article: 3988.HK . VLKAF . VLKPF . VWAGY . VWAPY

Following its initial certification in March 2024, ProLogium has made this record-breaking breakthrough in less than a year. The TÜV Rheinland certification confirms that ProLogium's next-generation lithium ceramic battery ...



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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. The event ...

ProLogium's solid-state battery pilot line with roll-to-roll automated production process began running in October, 2017. ProLogium's solid-state batteries have been verified for superior safety ...

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.

From the ProLogium press release: ProLogium's automated pilot production line has provided nearly 8,000 solid-state battery sample cells to global car manufacturers for testing and module development. ProLogium's GWh level solid-state lithium ceramic battery plant will be the first in the world to go online in

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 ...

Certified by the internationally recognized TÜV Rheinland, ProLogium's innovative battery features a 100% composite silicon anode, presenting a groundbreaking leap in both energy density and fast-charging capabilities. The battery achieves a rapid charge from 5% to 60% SOC in just 5 minutes, requiring only 66% of the energy held by competing ...

TÜV Rheinland certification confirms that ProLogium's next-generation lithium ceramic battery delivers an industry-leading energy density of 811.6 Wh/L (volumetric) and ...

According to TÜV Rheinland, ProLogium's battery is highly energy dense [Note] and capable of fast charging from 5% to 80% state of charge (SOC) in just 8.5 minutes, effectively resolving the...

With its battery offering superior energy density and fast-charging capabilities, ProLogium is pitching a "Small Battery, Big Future" concept. With only 66% of the total energy capacity of current lithium-ion batteries needed, the company says an application can go from 83 to 55 kWh, cutting vehicle mass by 300 kg and boosting both energy ...

ProLogium's Automotive Power Solution. ProLogium's Automotive Power Solution. Fundamentally Safe. 2 X. Longer Range. 9 min. ... Far superior safety compared to liquid battery. Safety is guaranteed even with large-capacity cells. Certified by multiple safety standards, third-party tests, and dozens of customers. ...

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