

# **Adden energy solid state battery**





## Overview

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Adden Energy develops the technology that enables solid-state lithium metal batteries with high capacity, stable cycling, high-rate, and high current density capabilities, based on the new design principles for electrolytes, interfaces and devices within the framework of the.

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Adden Energy - Adden Energy's self-healing battery will make EVs accessible to everyone. Based on new science, the world's first dynamically-stable battery is here. Developed by the team who discovered dynamic stability at Harvard, Adden Energy's batteries will make EVs accessible to everyone.

The solid-state battery developer Adden Energy, founded by scientists from Harvard University, has commissioned a pilot production line. The young company produces sample cells, which are sent to car manufacturers, among others, for testing. Adden Energy says it is already taking orders from car.

Adden Energy has developed a self-healing separator that prevents harmful dendrite growth, allowing their lithium-metal batteries to outperform traditional ones. By significantly increasing the production of its advanced batteries, Adden Energy aims to remove barriers to EV adoption.

WALTHAM, Mass.-- (BUSINESS WIRE)--Adden Energy, a leading developer of solid-state batteries, announces that its record-breaking lithium metal batteries can now maintain extreme-fast-charging (EFC) of less than 10 minutes at room temperature. No other lithium metal batteries can reliably charge.

Adden Energy, an American battery company founded in 2021, develops innovative solid-state battery systems for use in future electric vehicles (EVs). The battery can fully charge in just 3 min with over 10,000-lifetime cycles. Adden Energy's next-gen battery technologies are designed to combat.



US-based startup Adden Energy has announced that it has accomplished solid-state battery charge rates as fast as three minutes with over 10,000 cycles in a lifetime in lab settings. The startup has now been granted a technology license from Harvard University to scale innovative lithium-metal. What is Adden energy EV battery?

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Does Adden energy have a battery technology license?

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Are Adden energy batteries dynamically stable?

Based on new science, the world's first dynamically-stable battery is here. Developed by the team who discovered dynamic stability at Harvard, Adden Energy's batteries will make EVs accessible to everyone. Welcome to the future! Lead the electric transition by offering consumers a better electric experience.

Where is Adden energy launching a solid-state Cell Test?

Adden Energy says it is already taking orders from car manufacturers and other customers who want the first solid-state cells for validation. These sample pouch cells are now being produced on a newly inaugurated pilot line that Adden Energy has set up in Waltham, Massachusetts.

What makes Adden a great battery?

Initially developed by a team of scientists at Harvard University, Adden's innovative solid-state cells are already demonstrating remarkable capacity retention, outperforming conventional batteries with over 10,000 cycles in laboratory trials.

Does Adden energy have a self-developed lithium-metal battery?

Adden Energy also attracted attention with the statement that its self-



developed lithium-metal battery had a charging time of just three minutes in the laboratory and a service life of more than 10,000 cycles. However, this was still a pre-development stage for an automotive battery.  
[businesswire.com](https://www.businesswire.com)



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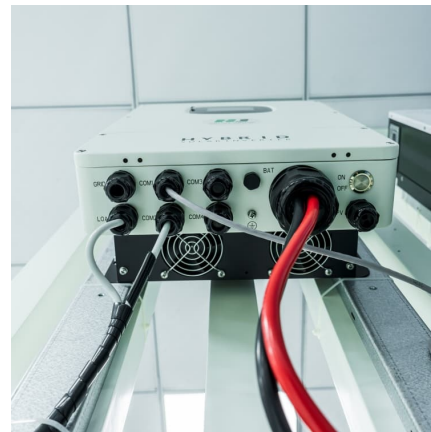


### **US-based startup Adden Energy innovate EV battery that ...**

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### **Adden Energy - Adden Energy's self-healing battery will make ...**

Adden Energy's dynamically-stable battery will render internal combustion obsolete and usher in a world of battery-powered robotic and other AI-driven mobility applications.



### [Solid state battery startup Adden Energy collects \\$15M](#)

Battery startup Adden Energy has closed a \$15 million Series A round to build a pilot production line for its solid-state batteries. Why it matters: So-called solid-state batteries can charge more quickly and have a longer ...

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### Harvard's 10-min charging solid-state EV battery gets funding boost

Harvard spinoff Adden Energy raises \$15M to bring its dendrite-free, long-lasting solid-state battery to electric vehicles.

### Solid-state battery: Adden Energy produces sample cells for OEMs

The solid-state battery developer Adden Energy, founded by scientists from Harvard University, has commissioned a pilot production line. The young company produces ...



### Adden Energy Secures \$15M Funding in Series A Round for ...

Adden Energy, a promising startup at the forefront of clean energy innovation, has successfully raised \$15 million in its latest funding round to accelerate the development of ...



### **Adden Energy Announces World's Fastest Lithium Metal Battery ...**

Adden Energy's all-solid-state pouch cell batteries (ASSB) use lithium metal anodes and high nickel NMC cathodes, enabling energy densities up to 500+ Wh/kg.



### **Adden Energy (\$5M to develop solid-state lithium battery for EVs ...**

Adden Energy, an American battery company founded in 2021, develops innovative solid-state battery systems for use in future electric vehicles (EVs). The battery can ...

### [Adden Energy Announces World's Fastest Lithium ...](#)

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### **Adden Energy**

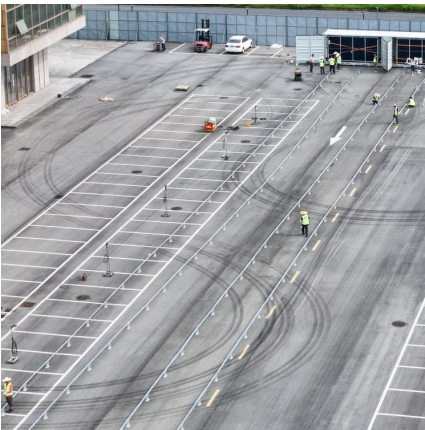
6 ???· Adden Energy, Inc. is a technology company specializing in advanced solid-state battery solutions for electric vehicles and energy storage systems. Founded by scientists from ...



[Adden Energy \(\\$5M to develop solid-state lithium](#)

...

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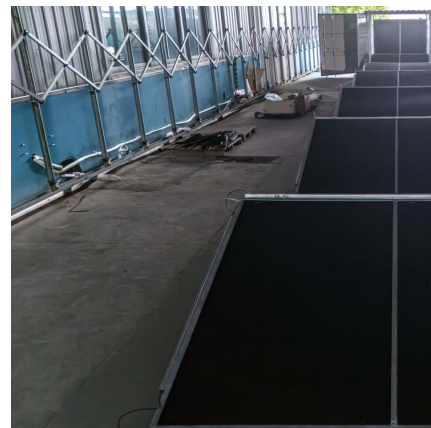


[Adden Energy Pioneers in Solid-State Battery Technology](#)

Adden Energy pioneers in solid-state battery technology, offering double the range and faster charging times for electric vehicles. Learn about their innovative manufacturing process and ...

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