

# **Companies making solid-state batteries**





## Overview

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We conducted a thorough analysis of companies in the solid-state battery sector to identify those that are particularly noteworthy as this innovative technology evolves.

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With numerous companies gearing up for production within the next few years, investor speculation surrounding solid-state battery stocks is reaching new heights. These innovative batteries offer a critical advantage, primarily via their vastly reduced charging times for EVs. Unlike their.

Below is a list of the top 20 manufacturers, based on industry reports and company profiles, with detailed information on each. 2 1. QuantumScape Corporation 3 2. Solid Power, Inc. 4 3. ProLogium Technology Co., Ltd. 5 4. Toyota Motor Corporation 6 5. CATL (Contemporary Amperex Technology Co.

It promises significant advantages over traditional lithium-ion batteries, including better energy storage, faster charging times, and improved safety. This has spurred numerous companies to relentlessly pursue unlocking its full potential. Unlike lithium-ion batteries that use liquid electrolytes.

Samsung captured the spotlight by announcing its groundbreaking solid-state battery technology at the InterBattery conference held on November 5, 2023, in Seoul, South Korea. This next-generation battery is set to redefine the electric vehicle (EV) market, offering an unprecedented range of up to.

In this report, we spotlight 20 companies racing to make solid-state batteries a reality. From car makers to tech startups, these players are on the frontlines, pushing boundaries every day. Each one is tackling the challenges of scale, cost, and durability with innovative approaches that could.

From electric vehicles to grid-scale storage, industries are betting big on a powerful alternative: solid-state batteries. This next-generation battery



technology is one of the most searched topics in the energy sector, with growing interest from automakers, manufacturers, and investors. Where are solid-state batteries made?

The only industrialized platform for solid-state battery technology. Founded in 2016, the company is headquartered in Beijing and has three production bases in Fangshan, Beijing, Liyang, Jiangsu and Huzhou, Zhejiang.

What is the future of the solid-state battery industry?

Looking ahead, the future of the solid-state battery industry is not just promising—it is poised for transformative growth. According to a report by Market Research Future, the global solid-state battery market is expected to grow at a CAGR of 28% from 2022 to 2030, reaching a market value of approximately \$6 billion by the end of the decade.

Is solid-state battery technology a game-changer for the EV industry?

Solid-state battery technology is being hailed as a potential game-changer for the electric vehicle (EV) industry. It promises significant advantages over traditional lithium-ion batteries, including better energy storage, faster charging times, and improved safety.

How are solid state batteries made?

During the creation of these batteries, suitable production tools are required for highly precise material deposition. Solid-state batteries are made by systematically arranging electrodes separated by solid electrolytes. These non-porous solid electrolytes must be able to prevent dendrite growth between electrodes.

What are the best solid-state battery stocks?

Below is our selection of the top seven solid-state battery stocks to watch. QuantumScape is a company dedicated to developing solid-state lithium batteries for electric cars. Backers include Volkswagen and Bill Gates. Solid Power develops solid-state cell and high-tech sulphide solid electrolyte batteries. Major partners include BMW and Ford.

What is a solid state battery?

Solid-state batteries change the electrolyte from liquid to solid electrolyte, replacing the electrolyte and separator of traditional lithium-ion batteries.



Compared with the flammable and volatile characteristics of lithium batteries, using liquid electrolytes at high temperatures. Solid-state batteries have higher energy density.



## Companies making solid-state batteries

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### [Who Produces Solid State Batteries and How They Are ...](#)

Key Manufacturers: Major companies like Toyota, Samsung, Solid Power, and QuantumScape are leading the production and development of solid state batteries, focusing ...

### [Top 20 Manufacturers for Solid State Battery in 2025](#)

For detailed company introductions, technologies, products, advantages, and comments, refer to the survey section below. We provides an in-depth analysis of the top 20 manufacturers of solid-state batteries, based on ...



### [Top 10 Solid State Battery Companies](#)

Founded in 2006, ProLogium Technology is an energy innovation company focused on solid-state battery research, development, and manufacturing, that provides next-generation battery solutions for electric vehicles in consumer ...

## 15 Companies Relentlessly Working On Solid State Batteries

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frontlines, pushing boundaries every day.



### Top 10 Solid State Battery Companies Leading Energy Storage ...

To get a clearer picture of how the top solid-state battery companies stack up, we've put together a table that highlights their key strengths, innovations, and market positions.



### [Top 10 Solid State Battery Companies](#)

Founded in 2006, ProLogium Technology is an energy innovation company focused on solid-state battery research, development, and manufacturing, that provides next-generation battery ...



### [Top 20 Solid-State Battery Companies to Watch in 2025](#)

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## 15 Companies Relentlessly Working On Solid State Batteries

Solid-state batteries are the next big thing in the EV industry, and here are 15 automakers are battery manufacturers striving to make a mark.



## [Top 20 Manufacturers for Solid State Battery in 2025](#)

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## [7 Solid-State Battery Stocks to Watch in 2025](#)

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