

Is BYD testing solid-state EV batteries in Tesla Model 3?

BYD is responding to a report that it's testing solid-state EV batteries in its Tesla Model 3-rivalling Seal. The rumors claimed Seal could achieve a total driving range of nearly 1,200 miles (1,875 km). Here's what BYD is saying. It has been over a decade since BYD first began researching and developing the promising new EV battery technology.

Does BYD eV have a solid-state battery?

According to Chinese media, BYD's solid-state battery impressed with its charging performance. The Seal EV equipped with the new battery type was able to gain 1,500 km (932 miles) of range in just 12 minutes of charging.

How much energy does a BYD EV battery have?

The rumors claimed BYD's solid-state batteries have an energy density of 400 Wh/kg, or nearly twice that of current lithium-ion batteries. The report also stated that BYD's solid-state EV batteries set a record by gaining a 1,500 km (932 miles) range in just 12 minutes of charging.

Did BYD install solid-state batteries in a seal EV?

A few days ago, a local report claimed that at the 2025 China All-Solid-State Battery Innovation and Development Summit, Sun stated that BYD had installed solid-state batteries in its popular Seal EV and had begun testing them on roads.

How far can a BYD EV battery go?

The report also stated that BYD's solid-state EV batteries set a record by gaining a 1,500 km (932 miles) range in just 12 minutes of charging. According to the report, the test charged the battery to only 80%, claiming the total EV range could reach upwards of 1,875 km (1,165 miles). Keep in mind that this is the CLTC range.

How much does a BYD EV cost?

Keep in mind that this is the CLTC range. On the EPA scale, it would be closer to 1,300 km (808 miles), which is still way more than enough. BYD's Seal currently starts at just 175,800 yuan in China, or about \$25,000. However, it looks like we'll have to wait to see which EV BYD will launch first with solid-state batteries.

At 20 Ah, the battery solution is finalized and ready for its next stage, production tech exploration. CATL's new EV experience center (Source: CATL) CATL is advancing all-solid-state EV batteries

Today, BYD officially announced the launch of the Blade Battery, a development set to mitigate concerns about battery safety in electric vehicles. At an online launch event themed "The Blade Battery - Unsheathed to Safeguard the ...

A team of scientists from Harvard have devised a solid-state battery that can resist dendrites, a problem that has dogged solid-state batteries since the automakers began trying to put them into cars.

Mexico City, Mexico (11/29/22) - BYD, the world's leading manufacturer of new energy vehicles, unveiled its luxury sedan HAN EV and all-electric SUV TANG EV at a test drive event in ...

On February 15 at the second China All-Solid-State Battery Innovation and Development Summit Forum, Sun Huajun - CTO of the Shenzhen BYD Lithium Battery Co., Ltd., revealed that BYD has rolled off 60Ah all-solid-state batteries ...

BYD confirms advances in solid-state battery technology, but rules out an imminent launch in models like the Seal. Initial road tests with solid-state battery prototypes are underway, with a view to limited production ...

From sodium-ion to all-solid-state batteries, companies worldwide are betting on emerging technologies to win the electric vehicle race The Seagull by Chinese carmaker BYD ...

Chinese car and battery giant is reported to have tested the first generation of its solid-state battery in BYD vehicles in China, bringing with it a potential range of up to 1,500 km ...

This article explores what all-solid-state batteries are, their advantages and challenges, and why BYD's strategic pivot to this innovation could define the next era of electric transportation.

After completing its initial on-road testing with Solid Power's all-solid-state battery (ASSB) cells on Monday, BMW achieved a significant milestone. ASSBs, sometimes referred to as the "holy grail" of EV battery ...

BYD is currently testing solid-state electric vehicle (EV) batteries in its Seal sedan, which is designed to compete with the Tesla Model 3. Early results indicate that this ...

BYD expects its first EVs powered by all-solid-state batteries will arrive in 2027. Although the Chinese EV giant has already achieved several breakthroughs with the new battery tech, it could ...

Such a range would make cars fitted with them competitive with the solid state battery being touted by IM Motors and the semi-solid state battery now in production for Nio. Shenzhen, China - 11102022: The e-platform 3.0 a ...

According to EV media outlet Electrek on Monday, a local news source recently reported that BYD was conducting road tests of a SEAL model fitted with a solid-state battery, claiming the ...

In the fast-paced world of electric vehicles, BYD is making waves with a groundbreaking shift in battery technology. Join us as we delve into the captivating story of BYD's transformation from ...

BYD has now begun testing solid-state EV batteries in its Tesla Model 3-rivalling Seal. Initial tests suggest that the total driving range could reach nearly 1,200 miles (1,875 km).

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