



Honda solid state battery news

Will Honda EVs have solid-state batteries?

In November, Honda unveiled a demonstration production line for its future solid-state batteries, which the Japanese automaker plans to integrate into its EVs in the second half of the decade, at a mass market scale.

What is Honda's new test line for solid-state batteries?

A new Honda test line for solid-state batteries lets it test different cell sizes, production processes, and other factors leading up to mass production. The cells are Honda's own design, not sourced from a third-party maker; the company is focused on cost competitiveness from the start.

Is Honda launching a solid-state battery production line in Japan?

Honda announced Thursday it has opened a demonstration production line for solid-state battery cells at its R&D center in Japan. Its goal is rapid testing of different factors affecting the design and production of the final cells, particularly material specifications and manufacturing processes.

When will Honda's all-solid-state batteries be available?

While conducting technical verification to establish a mass production process on this demonstration line, Honda will determine the basic specifications of the battery cells, with an aim to begin applying its all-solid-state batteries to electrified models that will be introduced to market in the second half of the 2020s.

Does Honda have a solid-state battery?

Honda's solid-state battery tech offers faster charging, longer range, and better durability, setting the stage for a major EV industry shift.

Will Honda's electric cars have a long-range solid-state battery?

Honda aims to have its long-range solid-state batteries in its cars come 2030. By 2040, Honda has set a goal for its electric cars to have solid-state batteries with ranges as high as 776 miles (1,249 km).

What is an all-solid-state battery? Striving for a safe and high-capacity battery with excellent output characteristics, Lithium-ion batteries for current EVs use liquid electrolytes. On the other hand, all-solid-state batteries feature solid ...



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