

## Nissan to build facility with goal of making \$75/kWh solid-state battery by 2028

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### Vehicle OEM Nissan will build a prototype production facility for laminated all-solid-state battery cells— which the company aims to bring to market in 2028.

Materials, design and manufacturing processes will be studied at the facility ahead of the company's plans to establish a pilot production line at its Yokohama Plant in Japan during the fiscal year 2024.

The prototype facility, within the Nissan Research Center in Kanagawa Prefecture, is aimed at further promoting the development of all-solid-state-batteries.

Under its long-term vision, Nissan aims to launch an EV with all-solid-state batteries developed in-house by fiscal year 2028.

Nissan believes all-solid-state batteries can be reduced to \$75/kWh in fiscal 2028 and to \$65kWh thereafter.

Nissan expects to use all-solid-state batteries in a wide range of vehicle segments, including pickup trucks, making its EVs more competitive.

Kunio Nakaguro, executive vice president in charge of R&D, said: "The knowledge gained from our experience supports the development of all-solid-state batteries and we've accumulated important elemental technologies.

"Going forward, our R&D and manufacturing divisions will continue to work together to utilise this prototype production facility and accelerate the practical application of all-solid-state batteries."

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**Paul Crompton**