

China solid state ev battery

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Chinese automakers and battery giants, including BYD, CATL, and NIO, are teaming up to form an "all-star" lineup aimed at developing all solid-state EV batteries.

In a move that could revolutionize the EV market, China's leading auto and battery manufacturers are forming an alliance to commercialize all solid-state batteries.

According to Nikkei Asia, the China All-Solid-State Battery Collaborative Innovation Platform, or CASIP, was formed last month.

The government-led alliance pools academia and industry leaders, like BYD and CATL, to build a solid-state EV battery supply chain.

China already dominates the global EV battery market, with BYD and CATL alone accounting for over 50% alone. Data from SNE Research (via Bloomberg) shows CATL's sales in the US and Europe doubled last year.

BYD and CATL batteries are used in Tesla, BMW, Toyota, Mercedes-Benz, Kia, Ford, and other leading EV makers.

China looks to stay on top by boosting research and development of next-gen EV battery tech, including all-solid-state.

"We need to be prepared for the risk that all-solid-state battery technology could overturn" China's upper hand in the EV battery market, Ouyang Minggao, a Tsinghua University professor, explained.

Minggao, who specializes in auto tech development, highlighted the importance of bringing industry leaders together. CASIP will focus on commercializing EVs with solid-state batteries and establishing a supply chain.

The goal is to develop next-gen EV batteries that will compete globally. The alliance includes top battery makers, including CATL, BYD's subsidiary FinDreams, CALB, EVE Energy, and Gotion High-tech. Automakers, like NIO and BYD, will also join in.

An alliance with BYD and CATL is interesting, given they compete in the LFP battery market. The report notes that CATL also sued CALB and SVOLT Energy Tech for patent infringement.



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Web: <https://www.kary.com.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

