

CATL's battery-integrated skateboard platform delivers 1,000 km range

04-Dec-2023 14:03 GMT

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CATL's CIIC skateboard platform is called as the CATL Integrated Intelligent Chassis, which integrates batteries, electric motors and other critical units into a single platform

CATL, the world's largest battery maker, has completed the tests of its battery-integrated CIIC skateboard platform and has achieved a driving range of 1,000 km, according to a news report published by the online publication CarNewsChina on December 1.



Source: Getty Images/ gorodenkoff

Notably, CATL's CIIC skateboard platform is called as the CATL Integrated Intelligent Chassis, which integrates batteries, electric motors and other critical units into a single platform underpinning an electric vehicle (EV) model. The CIIC skateboard platform is expected to lower production cost, vehicle weight and energy consumption while maximizing passenger space.

The report said that CATL's CIIC skateboard platform has delivered a consumption of 10.5 kWh/100 km and managed to charge 300 km in 5 minutes in the tests conducted by the company. These tests were conducted on a B-class sedan developed on the CIIC skateboard platform, it added.

It can be recalled that earlier in January 2023, CATL had signed an agreement with China's Hozon Auto as the first customer of its CIIC skateboard platform. Notably, Hozon Auto owns the NETA Auto brand of EVs. According to the report, both the companies partnered to develop the platform together and had announced that the first CIIC-powered EV model will be launched in the third quarter of 2024.

The news report further added that CATL's CIIC platform integrates high-voltage and low-voltage systems, steering and braking systems, and chassis domain controllers while deploying CTC (cell-to-chassis) technology. The mass production of the first EV model built on the CIIC skateboard platform is slated to commence in the third quarter of 2024, it said.

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