

Does CATL have a qilin battery?

CATL has launched its third-generation CTP (cell to pack) technology, which it internally calls the Qilin battery, through continuous technology iteration, said Wu Kai, chief scientist at the power battery giant.

What is Qilin battery?

On March 26, at the 2022 China EV Council 100 Forum, CATL's Chief Scientist Wu Kai said that CATL announced the launch of its third generation of CTP (cell to pack) technology, internally known as Qilin battery (formerly known as Kirin).

What is CATL's Kirin battery?

CATL is a promoter of LFP batteries, which are said to offer lower energy density than other chemistries. Nevertheless, the Kirin battery is not limited to using this chemistry exclusively. That's exactly why CATL's chairman references a large cylindrical battery "with the same electrochemical system."

What is Kirin battery?

Kirin battery is the third-generation CTP battery pack of CATL. Recently, the latest Kirin battery has been released, and the performance of the battery pack was upgraded greatly. The latest Kirin battery does not place the water-cooling plate on the bottom but inserts it among the cells, which greatly enhances the water-cooling effect.

When will CATL unveil the Kirin battery?

This is acknowledged by Robin Zeng, founder and chairman of the power battery giant, even as he confirmed CATL will officially unveil the Kirin battery next quarter. This is the formal step before entering volume production.

How much energy does a Kirin CTP provide?

That's exactly why CATL's chairman references a large cylindrical battery "with the same electrochemical system." The Kirin CTP could provide 160 Wh/kg or 290 Wh/l when using LFP cells. But when switching to the NMC chemistry, that number reaches 250 Wh/kg or 450 Wh/l. This is the energy density of the battery pack, not of the individual cells.

CATLCTP? ,,? ,, ...

??Qilin????????????65????????????????????CATL?????????? ...

Kirin battery, the ace technology of global battery giant CATL, has begun its mass-production, according to a report by ThePaper on March 21.. The report also showed that Zeekr, a premium electric automobile brand owned by ...

Compared with the previous two generations of CTP technology, the Kirin battery completely cancels the module shape design and optimizes the cooling structure to improve safety, battery life, fast charging performance and ...

On June 1, the ZEEKR 001 thousand mile endurance package (1032 kilometers of CLTC comprehensive operating range) equipped with CATL Battery CTP3.0 Kirin battery was ...

CATL says even that the Kirin battery can achieve 13% higher "power" on the pack level than the "4680 system," assuming the same cell chemistry and pack size. There is no word about Tesla, but it ...

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The Zeekr 001 with a 140-kilowatt-hour (kWh) CATL Qilin battery has a CLTC range of 641 miles (1,032 km). That's a very high result, although we must note that the CLTC test cycle used in China is ...

In June of 2022, CATL announced its third generation cell-to-pack (CTP) "Qilin" battery cells, which utilize the 4680 pack structure popularized by automakers like Tesla. At the time, the ...

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On August 27, CATL and ZEEKR jointly announced ZEEKR as the first car brand to be powered by mass-produced Qilin batteries. ZEEKR 009 will be the world's first car with Qilin inside, and ZEEKR 001 will be the world's ...

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????CATL?3??(Kirin battery)????4680?????13%???????(?URL?) CATL????????????? ...

Contemporary Amperex Technology Co., Ltd. (CATL) officially announced the Qilin Battery (formerly known as the Kirin battery pack) on June 23, 2022. This product is a battery ...

CATL is the biggest producer of Li-Ion batteries in the world and one of the major suppliers for Tesla. The Chinese battery producer will soon start producing its signature Kirin...

Considering CATL's prismatic cells range from 3.2V to 3.7V, this Kirin battery pack would present something between 384V to 444V. If it followed the standard of 4.2V, the battery pack would ...

CATL? ??? ? ? ?? ??? ?? ?? ??? ????? ?? ??? ?? ????? ????. ?? ? ? ? ??? ? CTP 3.0 ??? ?? ?
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According to CATL's official Weibo, on June 23, CATL announced the CTP3.0 Kirin battery. The system integration has reached a new high in the world, the volume utilization rate has exceeded 72%, and the energy density ...

The non-thermal diffusion battery technology is a directional thermal conductivity technology that can control that the system does not fire even if the monomer thermal runs away. The CATL's technology has now ...

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