

Are CATL & BYD working on faster-charging batteries for electric cars?

CATL and BYD are working on faster-charging batteries for electric cars. CATL is planning to launch a new generation of its Qilin battery with a charging rate of 6C in the second half of 2024. BYD is also rumoured to be working on a 6C battery. The 'C' is an indicator of the ratio of battery size to charging power.

When will BYD & CATL launch a new battery?

BYD will launch its Blade 2.0 battery in the second half of the year, according to a report from China. CATL also plans to launch the second generation of its Qilin battery with a similar performance by the end of 2024. Both use lithium-iron-phosphate (LFP) chemistry, which has gained wide acceptance among EV makers.

How will CATL & BYD affect battery prices?

As CATL and BYD cut prices further, smaller battery makers are poised to follow, and the cost of power batteries will be reduced further, the 36kr report noted. Currently, VDA-sized LFP cells are selling for less than RMB 0.5/Wh.

What is the difference between BYD blade and CATL battery?

BYD Blade battery. Source: 52hrrt BYD's share has increased from 15% in 2020 to 25% in 2024, and to 26% in the fourth quarter; while CATL's share in the fourth quarter has dropped to 43%. CATL's total installed capacity in 2024 was 256.01 GWh while BYD's was 135.02 GWh.

Will CATL and BYD halve battery prices in 2024?

New Delhi: CATL and BYD are set to halve battery prices in 2024, with CATL focusing on optimizing production resources to achieve cost reductions, a website focused on coverage of the new energy vehicle industry in China has reported.

How does CATL compare with BYD?

CATL plans to supply automakers with 173 Ah VDA-spec LFP cells boasting 2.2C fast charging capabilities at an average cost of 0.4 RMB per Wh, significantly lower than previous prices. BYD's battery manufacturing division, FinDreams, aims to match CATL's efforts by intensifying cost reduction measures.

Among the top 15 power battery manufacturers in China, CATL not only claimed the largest market share with 28.7 GWh of installed capacity in November but also the largest cumulative market share with 211.72 GWh of ...

FAW-Audi will produce three EVs in China, the Audi Q6L e-tron, Q6L Sportback e-tron, and A6L e-tron equipped with BYD's LFP and CATL ternary NMC batteries, local media reported, citing people familiar with the ...

Since BYD announced the blade battery for the first time at the 100-person meeting for electric vehicles in

January 2020 and the blade battery launch conference on March 29, there has been more discussion about blade ...

When mass production of 4C or even 6C batteries is eventually announced, it is possible that refrigerant technology may become a key component. While battery companies like CATL and BYD seem on track in ...

CATL installed 18.25 GWh of power batteries in January, continuing to rank first with a 47.08 percent share, up 1.6 percentage points from December's 45.48 percent share.. BYD's power battery installed capacity was ...

In the meantime, CATL's rival BYD said that its sodium-ion batteries have made progress in reducing cost and are already on track to be on par with lithium iron phosphate battery cost next year and even 70% less in ...

Earlier this year, BYD said, "The development of BYD sodium-ion batteries has entered the second stage around (reducing) costs, and its BOM (bill of materials) cost is expected to be on par with lithium iron phosphate ...

BYD came in second with 16.87 GWh of installed capacity in November and 117.54 GWh of installed capacity in 2024. Combined, CATL and BYD had almost 68% of the market share in November and 70% of the market ...

CATL's power battery installed capacity in December was 34.29 GWh, continuing to rank first with a 45.48 percent share, up 2.76 percentage points from November's 42.71 ...

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2024 Battery Roadmaps. More 46xx cell applications from BMW, GM and Rimac- are they too late and has the Blade LFP surpassed this "lower cost" design route? Sodium Ion cells to become the next step in the story of ...

BYD and CATL are not the only ones expected to fuel the price war brewing in the EV battery space. According to Goldman Sachs Research, average global EV battery prices are expected to fall 50% ...

Four key players--CATL, LG Energy Solution, BYD, and Samsung SDI--are leading the charge, each with its unique approach to advancing EV battery technology. From ...

In January-November 2024, the total global EV battery usage was 785.6 GWh, up 26.4 percent from 621.4 GWh in the same period last year. CATL's share in the January ...

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It is worth noting that the installed capacity of lithium iron phosphate batteries for CATL and BYD each exceeded 100 GWh, reaching 151.63 GWh and 134.84 GWh, respectively. The power battery market share ...

CATL's battery installations in the January-June period stood at 137.7 GWh, up 29.5 percent from 106.3 GWh in the same period last year. The Chinese power battery giant ...

New sodium-ion developments from CATL, BYD, Huawei ... four years after the release of CATL's first sodium-ion battery in 2021. The first generation had an energy density ...

CATL And BYD Battery Price Cut: This initiative is expected to bring down the price of its VDA specification lithium iron phosphate battery cells to RMB 0.4 per Wh, equivalent to USD 56.47 per kWh.

CATL is the lone leader with over 150 GWh of batteries supplied during the period. No other manufacturer was able to get into three digits, although as of 2023, LG Energy Solution and BYD are ...

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