

Which company, BYD or CATL, is better?

In the long run, BYD has the best advantages. According to the passage, CATL is becoming increasingly dependent on one customer (Tesla), which isn't a good thing. The passage also mentions that this situation reminds us of what happened to Panasonic when it lost its status as Tesla's sole battery supplier, leading the Japanese battery maker into a downward spiral.

Are BYD battery cells better than CATL battery cells?

As discovered on a German TFF forum, and previously reported by German publication [Teslamag.de](#), the new BYD battery cells seem to stay at their peak charging rate for much longer than CATL's LFP battery cells. The two different cell brands and formats appear to have a comparable upper charging rate, however:

What's the difference between BYD Model Y and CATL battery?

The Model Y with 62 kWh CATL battery, on the other hand, wasn't able to maintain 172 kW charging speeds, and dropped off almost immediately, gradually reaching 50 kW at the 90% mark. For the whole time in between, BYD's 60 kWh blade battery pack managed to maintain much faster charging speeds than the CATL variant.

How much EV battery does BYD produce?

CATL produced 25.32 GWh of EV batteries in October, giving it a market share of 42.78 per cent. BYD produced 15.82 GWh or 26.73 per cent of the total market. Together, the two companies have a market share of 69.51 per cent, compared to 68.42 per cent in September.

How does a BYD Model Y Battery Charge?

First Model Y owners who took delivery of the BYD battery variant put it to the test and compared its charging curve with the current model with a CATL pack. The BYD Model Y shot straight up to its peak 172 kW charging and stayed there until the battery hit 50% charge, then it started tapering off until the two curves met at 90%.

Does the Model Y have a BYD battery pack?

CATL used to be the sole supplier of LFP batteries for the standard range Model Y and Model 3, but now the new Model Y batches produced in the Giga Berlin factory come with BYD battery packs. The fight of the Model Y with BYD blade vs CATL Kirin battery versions is just starting, but it seems that the newer Model Y already has an advantage.

CATL and BYD are both on a path to decrease battery prices this year by as much as 50%, meaning battery packs at the end of 2024 could cost half what they did at the end of ...

Tesla is playing BYD against CATL in a battle to achieve the lowest possible battery prices for its Megapack container energy storage business.

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 ...

The study found that the Tesla 4680 generates 2.3 times more heat per volume than the BYD Blade cell under a 1C load, requiring advanced cooling solutions. BYD battery attractive for mass-market cars. In contrast, ...

CATL?BYD??20241~10????????????????????????2????1~9????????????EV?????25%?CATL(Contemporar y Am...

Someone at Herholdts however was able to tell me that the IP65 version battery is BYD. My understanding is that the earlier models use CATL cells and the latest ones are using ...

As BYD competes with CATL on the battery front, it is also ready to give Tesla a run for its money on the EV side. Industry watchers told news outlets including Business Insider that BYD is expected to overtake Tesla as ...

Six of the top ten global battery makers, including BYD and CATL, working together to develop solid-state EV batteries will be something to keep an eye on. Top comment by EV guy Liked by 3 people

In March, China's CATL and BYD slashed battery prices by 50 per cent, shifting the world on a fast track towards more affordable EVs. These two companies are led by some of ...

Both battery makers have their pros. CATL: BYD: In the long run, I think that BYD has the best advantages. CATL is becoming very dependent of one customer (Tesla) and this ...

Today, let's talk about the new technologies of CATL, SVOLT, BYD, EVE in the TOP 10 lithium Iron phosphate power battery manufacturers. On April 25th, Leapmotor held ...

Power battery market share by companies BYD Blade battery. Source: 52hrtt. 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 ...

The overall scores of the BYD Blade and CATL Qilin batteries bode well for Tesla's future, however, as the companies could become suppliers of the EV maker in the future. CATL is already ...

CATL still owns over a third of the market, but BYD looks to close the gap with new lower-priced EVs. Through the first four months of 2024, global EV battery consumption reached 216.2 GWh....

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 ...

In the tight race, BYD has the advantage of also being an EV maker, and able to place its Blade LFP battery in its popular EVs as well as sell them to other EV manufacturers. BYD's Blade battery pack. (Credit: BYD) As ...

The Tesla with CATL's LFP cells achieve 126Wh/kg at pack level compared to this Blade pack that achieves 150Wh/kg. ... Blade Battery - Unsheathed to Safeguard the World", Wang Chuanfu, BYD Chairman and ...

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 ...

BYD, a top electric vehicle brand, is emerging as a formidable rival to CATL, the current global leader in EV battery production. Starting as a battery company in 1995, BYD has expanded into a ...

CATL and BYD To Start Production of Sodium-Ion Batteries, Westerners Left Behind Again CATL Unveils "Condensed Battery" With an Energy Density of 500-WH/Kg 2023 Volvo VNL Custom Rig by ARI Legacy ...

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