

# Blade battery production line partner manufacturer

Who makes BYD blade batteries?

The joint venture with FinDreams was founded in January 2022, with the construction of the battery factory beginning just one month later. The plant will produce blade batteries developed by BYD. The packs are intended to combine safety, range and durability thanks to a modular, highly integrated design.

What is a blade battery?

They serve as the bedrock for efficient and stable production, in turn forming the backbone of the Blade Battery's quality. The Blade Battery refers to a single-cell battery with a length of 96 cm, a width of 9 cm and a height of 1.35 cm, which can be placed in an array and inserted into a battery pack like a blade.

Will eMobility be able to manufacture blade batteries in 2022?

In February 2022, the partners started construction of the new production facility, which is designed for an annual capacity of 45 GWh. The joint venture called FAW FinDreams New Energy Technology (FinDreams is BYD's brand for the third-party business with eMobility components) wants to manufacture blade batteries there.

Where is BYD battery company based?

The joint venture between BYD's battery manufacturer subsidiary FinDreams and Chinese car manufacturer FAW intends to expand the annual volume to 45 gigawatt-hours in the future. In Changchun, the capital of Jilin province in north-eastern China, FAW's headquarters are located.

Where is BYD's blade battery factory located?

This is the first factory tour that BYD has conducted since it debuted the Blade Battery on March 29, presenting the factory's intelligent manufacturing capabilities. BYD's Blade Battery Factory in Chongqing Located in the city's Bishan District, the factory is currently the only production base for the Blade Battery.

Does BYD use a blade battery?

To address users' concerns about the safety of EV power batteries, BYD will only use the Blade Battery in all its pure electric models moving forward. As the No. 1 brand in China's EV production and sales for eight consecutive years, BYD has always been committed to safeguarding consumers' safe travel.

Located in the city's Bishan District, the factory is currently the only production base for the Blade Battery. It possesses a highly demanding production environment and ...

FinDreams Battery, a subsidiary of China-based electric vehicle maker BYD, will supply BorgWarner with blade cells for manufacturing lithium iron phosphate battery packs in Europe, the Americas and selected Asia

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Pacific regions.

FAW-FinDreams has started battery production in Changchun, China, with an initial planned annual capacity of 15 gigawatt-hours. The joint venture between BYD's battery manufacturer subsidiary FinDreams and Chinese car manufacturer FAW intends to expand the annual volume to 45 gigawatt-hours in the future.

The blade battery is still a LFP battery, but its structure and specifications are very different from the past. As a result, BYD has also adopted a new production line. The tour follows the battery production process, and the basic process does not change. However, the quality control capability, production efficiency, high degree of ...

NAAR, June 2023, Volume 6, Issue 6, 1-20 5 of 20 It's important to note that specific manufacturers, including BYD, may have proprietary materials and technologies that they utilize in their Blade ...

FinDreams and BorgWarner have entered into a strategic partnership to localize the production of battery packs in the non-OEM-affiliated section of overseas commercial vehicles, according to its statement. FinDreams will also license intellectual property rights related to the production and design of blade battery packs to BorgWarner.

BYD boasts 26 years of R& D experience in the battery field and has 100% independent R& D and design capabilities, with the key components such as the Blade Battery production line and equipment all being developed in-house, which is part of the brand's long-held insistence on independently mastering the R& D and manufacturing of core industrial equipment.

BorgWarner has signed a strategic deal to supply LFP batteries to FinDreams Battery, a subsidiary of BYD. Under the eight year deal, BorgWarner will be the only non-OEM localized manufacturer with rights to ...

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The standout feature that makes the "Blade Battery," patented by BYD, a sought-after innovation among EV manufacturers. The advantages of the BYD Blade Battery. The two main advantages of the BYD Blade Battery which EV manufacturers aim for and are exclusive to BYD. 1. Lower production costs with lower heat generation but higher energy ...

## **Blade battery production line partner manufacturer**

As leading global carmakers now partner with BYD subsidiary FinDreams Battery, the Blade Battery is set to be successively installed on EV models of mainstream brands at home and abroad.

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