Blade battery after-sales insurance

How safe is a blade battery?
The Blade Battery has undergone the most rigorous safety testing and exceeds the requirements of the Nail Penetration Test,the most rigorous way to test battery thermal runaway. This test simulates the consequences of a serious traffic accident and is considered 'The Mount Everest' among battery tests.

What are the benefits of a blade battery?
Efficiency and extended rangeare other benefits of the Blade Battery,offering greater power density for optimal performance and efficiency,including faster charging. BYD CTP (Cell to Pack) technology makes the difference,with the Blade Battery increasing space utilization by 50%.

Why is BYD's blade battery revolutionary?
BYD's blade battery is revolutionary in several ways. We are happy to explain why this is the case, as well as the importance of the so-called Nail Penetration Test. One of the most important parts of an electric vehicle is the battery system. After years of study, research and development, BYD has come up with the Blade Battery.

What is a blade battery?
Another unique selling point of the blade battery - which actually looks like a blade- is that it uses lithium iron-phosphate (LFP) as the cathode material,which offers a much higher level of safety than conventional lithium-ion batteries. LFP naturally has excellent thermal stability and is substantially cobalt free.

Why do all BYD cars have a blade battery?
This improves energy density and allows more batteries in a compact space, with a longer driving range. The 'honeycomb-like aluminum' design of the Blade Battery also provides greater rigidity and safety. The BYD TANG, BYD HAN and BYD ATTO 3 are all equipped with a 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 modelsmoving 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.

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Bij de BYD Blade Battery was dat nagenoeg niets. Er was geen rook en de temperatuur kwam nooit boven de 60?. Een uitzonderlijke prestatie, gezien andere accupakketten tot wel 24 uur kunnen branden. Daarnaast zit er in de Blade Battery geen kobalt of nikkel. Dit zijn materialen die massaal uit de grond worden gehaald in mijnen in Afrika. Het ...

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Blade Battery supports BYD-ATTO 3 a range of 521km* as per ARAI test in one charge. Ultra-long Lifespan. Blade Battery can support the driving mileage of more than 500,000km* or even more than 1,000,000km. Ultra-high Charging and Discharging Capacity. Blade Battery can support BYD-ATTO 3 to charge from 0% to 80% within 50 mins*, and enables BYD-ATTO 3 to ...

BYD targets a 15% cost reduction for its second-generation blade battery, which will launch in the first half of 2025, a source familiar with the matter told CarNewsChina. BYD"s blade battery 2.0 will have an energy density of up to 210 Wh/kg and support 16C peak discharge.

The batteries are built to last up to 30 years of life and come with an 8 year warranty as standard. To test the durability and safety of the Blade Battery, BYD Europe conducted their own "Nail Penetration Test" comparing the Blade Battery to a typical NCM Lithium-ion battery - see the ...

Wie das Portal CN EV Post schreibt, hat sich ein BYD-Manager gegenüber dem chinesischen Medienunternehmen CGTN zur nächsten Generation der Blade-Batterie geäußert: „Ich denke, dass BYD in den kommenden Jahren, also 2025, die neue Generation unserer bemerkenswerten Blade-Batterie einführen wird", so Cao Shuang, der ...

Blade Battery Technology offers potential cost benefits due to its streamlined production process and the utilisation of fewer components. Additionally, its longer lifespan and enhanced safety features can lead to reduced maintenance costs over the vehicle"s lifetime.

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 ...

For example, one of our customers meets battery cell suppliers every month to renegotiate the price", the source concludes. BYD launched a blade battery in 2020 with 140 Wh/kg, which was later increased to 150 Wh/kg and has not been updated since. Meanwhile, CATL launched a couple of new LFP products and kept pushing the battery cost down.

With EVs, practicality is everything. That"s why BYD"s Blade Battery also charges from 30 percent to 80 percent in an impressively fast 30-minutes using a DC power output of 110kW. Blade Batteries are designed to last for up to thirty-years too and come with an eight year warranty as ...

The Blade Battery"s design minimizes the risk of thermal runaway, a phenomenon that can lead to fires or explosions in lithium-ion batteries. By integrating multiple safety features, such as ceramic separators and thermal management systems, Blade Batteries offer unparalleled levels of safety for EVs and their passengers. Increased Energy Density. ...

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2025, a source familiar with the matter told CarNewsChina. BYD"s ...

Blade Battery can support BYD-ATTO 3 to charge from 0% to 80% within 50 mins*, and enables BYD-ATTO 3 to accelerate from 0-100km/h within 7.3s. Launched by BYD in 2020, Blade Battery is the only battery that successfully passes the nail penetration test, the most rigorous way to test the thermal runaway of batteries.

BYD"s blade battery is revolutionary in several ways. We are happy to explain why this is the case, as well as the importance of the so-called Nail Penetration Test. One of ...

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The Yangwang U7 will be powered by BYD"s second-generation blade battery, which will have a charging multiplier of more than 5.5 C and a discharging multiplier of more than 14 C, according to an auto blogger. (A BYD Yangwang U7 on display at the April 2024 Beijing auto show. Image credit: CnEVPost) BYD"s (HKG: 1211, OTCMKTS: BYDDY) next-generation ...

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