

### New energy battery aluminum shell stamping manufacturer

What are energy power battery shells made of?

The new energy power battery shells on the market are mainly square in shape, usually made of 3003 aluminum alloyusing hot rolled deep drawing process. Depending on the design requirements of the power battery, the thickness and width can be customized.

What is the new energy vehicle long cell battery shell sector?

The new energy vehicle long cell battery shell sector, as the company's main strategic development direction in the future, will become the main sector for the company's transformation from the traditional automotive industry to the new energy vehicle industry.

#### Who makes lithium battery steel shells in China?

With 30,000 tons of power lithium battery case materials, it has become the only enterprise in China that has the entire industrial chain from rolling, punching to surface treatment. Lithium battery steel shells are mainly supplied to Sichuan Changhong, Panasonic, Shandong Huatai and other customers.

What is energy long cell battery shell?

The new energy long cell battery shell developed and produced by our company adopts a cold bending forming+high-frequency welding process, which breaks through the constraints of traditional deep drawing/extrusion processes and overcomes the welding technology of ultra-thin aluminum shells.

Where did Slak invest in New energy vehicle battery case companies?

In 2018,SLAK invested in new energy vehicle battery case companies such as Anhui Sixiangand Xinxiang Shengda through Xianlai Automobile,and carried out projects of new energy vehicle cylindrical power battery steel shell and cylindrical battery aluminum shell.

### Who uses lithium battery steel shells?

Lithium battery steel shells are mainly supplied to Sichuan Changhong,Panasonic,Shandong Huatai and other customers. JINYANG is mainly engaged in the research and development,production and sales of battery precision structural parts and materials.

Battery pack aluminum shell, especially aluminum shells for lithium-ion batteries, is an indispensable part of contemporary battery technology. They are mainly made of aluminum alloy materials, and the common ones are square lithium battery aluminum shells with various designs, including square corners and rounded corners.

The company specialises in aluminium alloy die-casting and precision machining for traditional automobiles, new energy automobiles, communications, photovoltaic energy storage, inverters, rail transportation, medical



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aviation and general industrial parts, the company's total asset scale has exceeded 1 billion yuan, covers an area of nearly ...

Since 2008, Shenzhen Jingdongda and Shenzhen Xindongda Technology Co., Ltd. have been established in Shenzhen successively, specializing in the manufacture of drawing and stamping products, battery aluminum cases. In 2015, Dongda New Energy Company was established in Jingjiang, specializing in the production of power battery aluminum shells ...

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New Energy Aluminum Battery Cases, including Lithium-ion Battery Aluminum Shells, are vital components in electric vehicles and photovoltaic energy storage systems. These cases ...

Our aluminum shell for lithium power cell is lightweight, high-strength, excellent thermal and electrical conductivity, and good corrosion resistance, and is suitable for various types of ...

Providing the reliable and high quality components for the global new energy automobile manufacturers. Together with domestic and foreign manufacturers, we will create a beautiful ...

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The new energy power battery shells on the market are mainly square in shape, usually made of 3003 aluminum alloy using hot rolled deep drawing process. Depending on the design requirements of the power battery, the thickness and width can be customized. The chalco hot rolling process produces aluminum coils with higher elongation, more stable ...

Battery pack with aluminum shell is one of the key components in the electric vehicle and renewable energy fields. It is made of aluminum material, which makes the shell light and strong, effectively improves the endurance, and becomes an important part of promoting the development of electric vehicle and renewable energy technology, providing a reliable and efficient solution ...

3003 aluminum plate has many advantages for new energy power battery shells . 1. Battery aluminum alloy shell has good processability. 3003 aluminum alloy power battery aluminum shell (except the shell cover) can



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be stretched and formed at one time. Compared with stainless steel shell, the box bottom welding process can be omitted. 2. The ...

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Aluminium EV Battery Shell. At present, our company mainly engages in three major sectors: thin-walled precision high-frequency welded pipes, precision stamping parts, and new energy long cell battery shells. Applied to: ...

Aluminum alloy shell body: The main part of the square lithium battery aluminum shell is made of high-quality aluminum alloy material, which provides mechanical support and protects the internal components of the battery. Case Covers (Upper and Lower Covers): These cover the top and bottom of the case to help seal off the interior of the battery and protect the battery ...

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