

Kongres Container

Embedded lithium battery pack



Overview

What are the best lithium-ion battery solutions?

The perfect lithium-ion battery solutions. Customised lithium-ion battery packs for handheld devices up to large industrial equipment. Semi-customised lithium-ion battery packs for handheld electronics devices. Off-the-shelf lithium-ion battery packs for handheld electronics.

What are embedded batteries?

Embedded batteries represent a critical advancement in energy storage technology that aligns with the modern needs of consumers and industries alike. With benefits such as space efficiency, improved design aesthetics, and enhanced safety, they are steadily carving out their place in everything from consumer electronics to automotive applications.

Why do we use lithium-ion batteries?

We utilize lithium-ion cells with the highest energy density, maximized discharge current, and the utmost safety levels in our battery packs. Different chemical compositions and varying configurations of battery cells result in different housing shapes and performance data for our lithium-ion standard batteries.

Are embedded batteries safe?

The risk of battery failures, such as leaks or overheating, is significantly reduced in embedded systems. When designed properly, embedded batteries are less prone to damage as they are better protected within the device's structure. This is particularly important in medical devices and electric vehicles, where safety is paramount.

How long do embedded batteries last?

Embedded batteries typically have comparable lifespans to traditional batteries, though their longevity can be influenced by factors such as battery

chemistry, usage patterns, and thermal management.

What is a lithium-ion battery?

The Lithium-Ion batteries are modular and expandable and therefore can be adjusted for your application in industries like logistics, agriculture and others. Customers are provided with a ready-to-use battery solution, including all necessary accessories and certifications.

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Contact Us

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