



Lithium battery pack is too big and changes shape





Overview

A swollen battery pack might look alarming—and it is—but it usually comes down to what's happening inside the battery. Most modern power banks use lithium-ion batteries, which are efficient but sensitive. We'll use 2025-current, safety-first practices with specific voltage-per-cell and temperature ranges you can follow today. Who this is for: RC/FPV. Swollen lithium batteries are a common issue that many people encounter, whether in smartphones, drones, RC vehicles, power banks, laptops, or even LED lighting systems. But despite how common the problem is, most users still don't know exactly why swelling occurs, how dangerous it can be, and what. However, the issue of lithium-ion battery bulging is often overlooked, which can seriously affect safety and device performance.



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[Reasons for the bulging of lithium battery cases and their handling](#)

Reasons for the Bulging of Lithium Battery Cases and Their Handling Methods. Lithium batteries, including lithium-ion and lithium-polymer batteries, are widely used in various devices due to their ...

[Bloated LiPo Battery? Don't Use It. Here's What You Need To Know](#)

In phones, the screen lifts slightly from the frame. If your LiPo battery expanded enough to change the shape of your device, it's no longer safe for use. Is it Safe to Use a Bulging LiPo ...



[Reasons for Lithium Battery Bulge and How to Avoid](#)

Lithium battery bulging is an important issue that affects the safe use of lithium batteries. Understanding its causes and hazards and taking corresponding preventive measures are of great ...

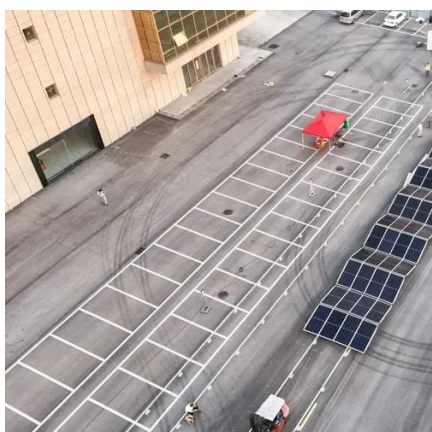
[What to Do With Swollen Power Bank: Safe Handling Guide](#)

In extreme cases, a swollen battery can explode. This usually happens when the pressure inside the cell exceeds the safety limits, or when a puncture causes a short circuit. While ...



[7 Common Reasons Why LiPo Batteries Swell \(and How to Prevent ...](#)

Do you see a LiPo pack starting to look puffy? This guide shows you exactly why swelling happens and, more importantly, how to stop it before it starts. We'll use 2025-current, safety-first ...



[Swollen Lipo Battery: Causes, Risks, and Disposal Methods](#)

Swollen lipo batteries are a common concern for those who use them. It can be scary to see your battery puffing up like a balloon, but there are reasons why this happens. One of the most ...



What to Do With a Swollen Battery Pack?

A swollen battery pack can seem alarming, but it's crucial to handle it properly to avoid potential danger. As a professional lithium battery pack manufacturer, I will share some best ...



[Lithium-ion Battery Bulging - Causes and Preventive Measures](#)



This article analyzes the causes and hazards of lithium-ion battery bulging in detail and provide practical preventive measures to help users use lithium batteries more safely and effectively.



[Swollen LiPo Batteries: Causes, Safety Tips & Prevention](#)

A swollen battery is a lithium cell that has expanded due to internal gas buildup. This swelling is most noticeable in pouch-style LiPo batteries but can also occur in cylindrical cells ...

[Lithium battery pack bulge causes and treatment methods](#)

Through the above methods, the occurrence of the bulge phenomenon of lithium battery packs can be delayed, and the waste lithium batteries can be properly disposed of to reduce the ...





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