

Anchor 21700 battery cell





Overview

21700 batteries are high-capacity lithium-ion cells that measure 21mm in diameter and 70mm in length. They are commonly used in high-drain devices like flashlights, vape mods, and power tools. What is a 21700 battery?

A 21700 battery is a high-capacity, rechargeable lithium-ion cell designed for superior energy efficiency and performance. With a standard size of 21mm in diameter and 70mm in length, these batteries were developed as a next-generation improvement over 18650 cells, offering increased power output, extended runtime, and higher energy density.

Are 21700 batteries safe?

Unprotected 21700 batteries: Lack built-in safety features and are generally used in battery packs with external battery management systems (BMS). 21700 batteries are widely used in: Electric vehicles, with companies like Tesla and other manufacturers using them in battery packs for improved energy storage and performance.

What is an unprotected 21700 battery?

Unprotected 21700 Batteries: Designed for battery packs or high-performance applications where external battery management systems (BMS) handle protection. 21700 batteries are becoming the industry standard for devices requiring longer runtime and more power. Some common applications include:.

What is the nominal voltage of a 21700 battery?

The nominal voltage of a 21700 battery is generally around 3.6V to 3.7V, which is standard for lithium-ion technology. These batteries are designed to handle higher continuous discharge rates, making them suitable for high-drain devices like power tools and electric vehicles.



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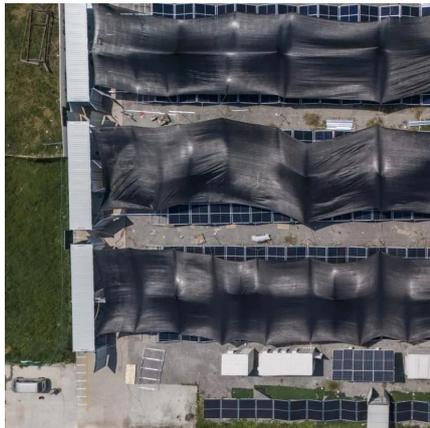
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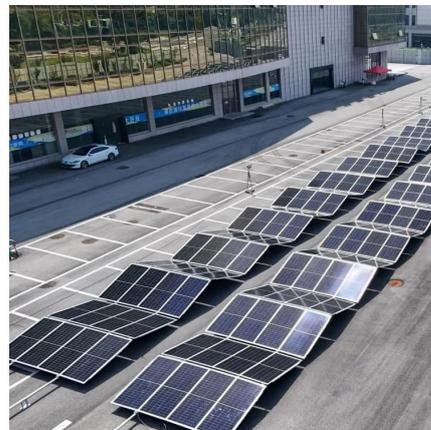


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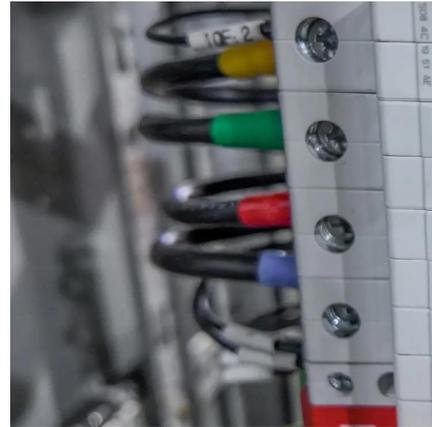
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