

Gaborone Battery 21700 Cell





Overview

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 a 21700 battery?

The 21700 battery is a cylindrical lithium-ion battery with a diameter of 21mm and a length of 70mm. It offers a nominal voltage of 3.7V and a capacity of up to 5,000mAh, making it a powerful and efficient energy source. Its energy density ranges between 250 Wh/kg and 300 Wh/kg, depending on the chemistry.

Why is a 21700 cell a good choice?

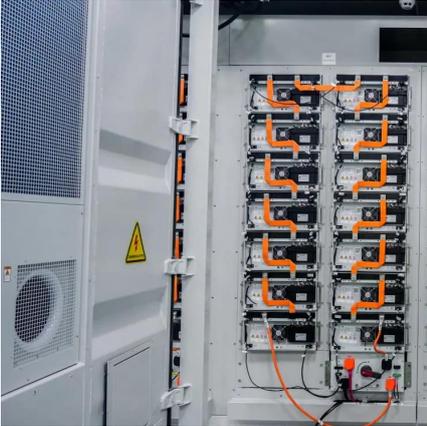
The larger size of the 21700 cell enables it to store more energy, making it ideal for applications requiring high power capacity, such as electric vehicles and industrial battery packs. Its dimensions also contribute to better thermal management, ensuring safer and more efficient operation.

How big is a 21700 cell?

The 21700 cell stands out due to its standardized dimensions of 21mm in diameter and 70mm in length. These measurements make it larger than the widely used 18650 cell, which measures 18mm by 65mm. This increase in size allows the 21700 to deliver higher energy storage and improved performance.



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[21700 Batteries Comparison Applications and ...](#)

Conclusion The 21700 battery is a powerful alternative to the 18650, offering higher capacity, better efficiency, and improved performance. Whether you're using a 21700 flashlight, a vape mod, or a power tool, ...

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[21700 Battery Features, Types, Dimensions.](#)

The 21700 battery has advantages over the 18650 battery, such as high capacity, high current handling features, and good de

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[Everything You Need to Know About the 21700 Battery](#)

We'll talk about different types of 21700 battery, features, charging, lifespans, and our recommendations for batteries and chargers.

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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, ...

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[21700 Battery Cell 3.7V 4800mAh Datasheet](#)

Specification Lithium ion Ternary Battery Cell 21700 4800mAh 3.7V without Protection Circuit Module (PCM) This data sheet describes the requirements and properties of ...

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[What Are the Key Specifications of the 21700 Cell?](#)

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