



**BLINK SOLAR**

# **21700 Battery cell size**



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## Overview

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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.

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.

What is the difference between a 21700 and a smaller battery?

One of the standout features of the 21700 is its higher capacity and energy density compared to smaller batteries. This allows it to power larger devices, such as electric vehicles and solar energy storage systems, with more reliable performance and fewer recharges. As mentioned earlier, the 21700 battery is 21mm in diameter and 70mm in length.

What is the difference between a 21700 and 18650 battery?

The most significant difference between the 21700 and 18650 batteries is their size and capacity. The 21700 is larger (21mm x 70mm) compared to the 18650 (18mm x 65mm), and this size difference allows the 21700 to store more energy. Capacity: The 21700 typically holds 5000mAh or more, while the 18650 generally maxes out around 3500mAh.

## 21700 Battery cell size

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### Exploring the 21700 Battery: Your Ultimate ...

A 21700 battery is a type of lithium-ion rechargeable cell. The name "21700" refers to its physical dimensions: it has a 21mm diameter ...

## Understanding the 21700 Battery and Its Specifications

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 ...



### 21700 Batteries , High- Performance Lithium-Ion Cells

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, ...

## Exploring the 21700 Battery: Your Ultimate Guide

A 21700 battery is a type of lithium-ion rechargeable cell. The name "21700" refers to its physical dimensions: it has a 21mm diameter and 70mm length. This makes it larger than ...



### What Are the Key Specifications of the 21700 Cell?

The 21700 lithium battery cell has emerged as a pivotal innovation in energy storage solutions. With its 21mm diameter and 70mm length, this cylindrical power source ...

## 21700 Battery Guide: Specs, Capacity, Lifespan & Best Uses

Discover the guide to 21700 battery - specs, capacity, voltage, cycle life, applications, and 21700 vs 18650 comparisons. Ideal for tools, energy storage, and industrial ...



### Everything You Need to Know About Lithium-Ion 21700 Battery

## 12.8V 100Ah



The 21700 battery is a larger type of lithium-ion rechargeable battery that has gained considerable popularity for its high capacity and improved performance compared to ...

## Your Ultimate Guide to Explore the 21700 Battery

Part 1. What is a 21700 Battery? The 21700 battery is a rechargeable cylindrical lithium-ion cell. Its name reflects its size: 21mm in diameter and 70mm in length. Compared to ...

<i>LiFePO<sub>4</sub> Battery,safety</i>
<i>Wide temperature: -20~55°C</i>
<i>Modular design, easy to expand</i>
<i>Wall-Mounted&amp;Floor-Mounted</i>
<i>Intelligent BMS</i>
<i>Cycle Life: ≥ 6000</i>
<i>Warranty: 10 years</i>



## 21700 Battery Guide - High-Performance Lithium-Ion Cells

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What Is a 21700 Battery? A 21700 battery is a rechargeable lithium-ion cell measuring 21mm in diameter and 70mm in length, hence the name "21700." It was created to ...

## 21700 Batteries Comparison Applications and Buying Tips

Size: 21700 cells are larger (21mm x

70mm) compared to 18650 (18mm x 65mm). Capacity: A standard 21700 battery 5000mAh offers more energy storage than a typical 18650 ...



## Contact Us

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For catalog requests, pricing, or partnerships, please contact:

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