

This PDF is generated from: <https://www.kalelabellium.eu/Thu-16-Apr-2020-16367.html>

Title: Madrid 21700 battery cell

Generated on: 2026-03-14 19:33:28

Copyright (C) 2026 KALELA SOLAR. All rights reserved.

For the latest updates and more information, visit our website: <https://www.kalelabellium.eu>

---

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.

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.

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.

How long does a 21700 battery last?

Charge cycles: A 21700 battery can last between 500 to 1000 charge cycles, depending on its chemistry, usage, and maintenance. The 21700 battery is used in devices such as electric vehicles, flashlights, and power tools. 21700 batteries are lithium-ion rechargeable cells with a diameter of 21mm and a length of 70mm.

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, ...

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 ...

The 21700 battery is a rechargeable lithium-ion battery with a cylindrical shape, measuring 21 mm in diameter and 70 mm in length. It has a nominal voltage of 3.6V to 3.7V ...

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 ...

The 21700 battery is a rechargeable lithium-ion battery with a cylindrical shape, measuring 21 mm in diameter and 70 mm in length. It ...

21700 Li-ion battery cells are a popular and relatively new standard for rechargeable lithium-ion batteries. Named after their dimensions (21mm in diameter and 70mm in length), these cells ...

Shop 21700 batteries at Voltaplex. These high-performance 21700 battery cells provide efficient, long-lasting power, ideal for demanding devices and applications. Order individual 21700 li-ion ...

In this battery guide, let's dive into everything you need to know about the 21700 battery, its applications, key features, and why it's becoming a go-to choice for modern devices.

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 ...

Lithium-ion 3.7V rechargeable 21700 (21mm x 70mm) battery. The batteries we have are from the most popular brands. They are good for electronic devices that require removable 18350, ...

In this battery guide, let's dive into everything you need to know about the 21700 battery, its applications, key features, and why it's ...

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 ...

Web: <https://www.kalelabellium.eu>

