

LNR21700 battery cell





Overview

Is the LG INR21700 M50 safe?

Independent safety tests of the cell. The LG INR21700 M50 is a high energy and moderate power cell. Based on its capability it has been used in a lot of applications and for a lot of research programmes. Note: if you have tested this cell independently and able to share data please contact us nigel@batterydesign.net.

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.

What is the difference between Panasonic & Tesla 21700 batteries?

Panasonic and Tesla have set benchmarks in the 21700 battery market. Panasonic's 21700 cells are renowned for their safety and longevity. These batteries are commonly used in infrastructure projects and electric vehicles, where reliability is critical. Tesla, on the other hand, has revolutionized the industry with its 21700 and 4680 cells.

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:



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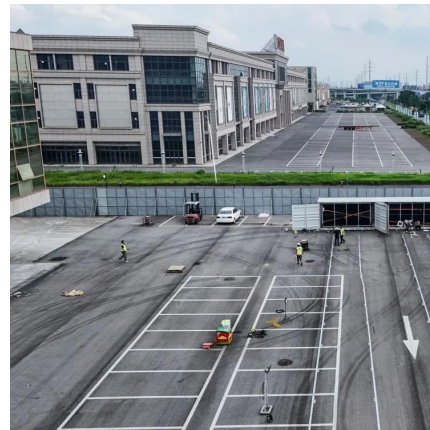
LG INR 21700 M50

May 5, 2023 · LG INR 21700 M50 has an NMC 811 formulation for the cathode and a Graphite-SiOx anode. It is in the 21700 cylindrical format.

[Large Stock INR21700 Battery Cell 3.7V](#)

...

Nov 20, 2025 · Large Stock INR21700 Battery Cell 3.7V 4200mAh 4500mAh Molicel P42A P45b Battery Cells, Find Details and Price about P45b Inr ...



[Westinghouse LNR-21700 4000mah Battery](#)

Westinghouse LNR-21700 4000mAh 40A Lithium Ion Rechargeable Battery Cell for various applications. Ideal for power tools, home appliances, and more. Shop now!, Alibaba

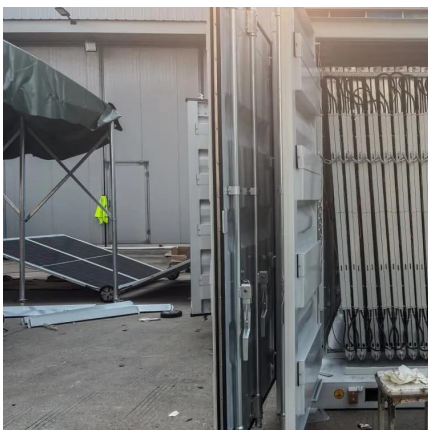
[Understanding the 21700 Battery and Its Specifications](#)

May 17, 2025 · The 21700 battery, with 21mm diameter and 70mm length, offers 3.7V voltage and up to 5,000mAh capacity, making it ideal for high-power applications.



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, ...



What Are the Key Specifications of the 21700 Cell?

Apr 11, 2025 · 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 ...



Product Specifications Document No: 50/352

Jun 7, 2021 · Note: The battery should be free from Dents, Cracks, Rust, Discolouration, and leakage which may impact the performance of the cell.



[LG INR21700 M52V Lithium ion Cell](#)

This LG INR21700 M52V cell is a cylindrical lithium ion cell with 5000mAh. This is a new model of 21700 cells in recent years. Unlike 18650 cell, it is ...



[INR21700 M50LT Li-ion Cell](#)

INR21700 M50LT Li-ion Cell - High-Capacity Powerhouse for Industrial Excellence Engineered for extreme reliability, the INR21700 M50LT ...

[Large Stock INR21700 Battery Cell 3.7V 4200mAh 4500mAh ...](#)

Nov 20, 2025 · Large Stock INR21700 Battery Cell 3.7V 4200mAh 4500mAh Molicel P42A P45b Battery Cells, Find Details and Price about P45b Inr 21700 Cell from Large Stock INR21700 ...



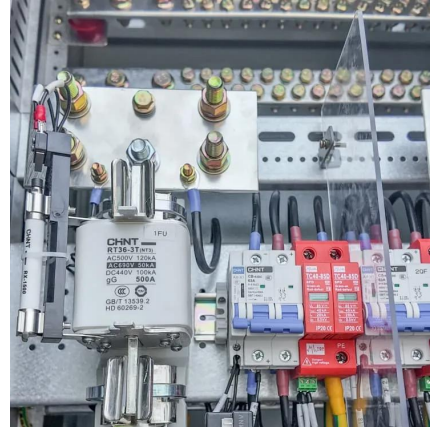
[LG Chem INR21700-M50L Battery Data, Model and Report](#)

13 hours ago · The Batemo Cell Model of the lithium-ion battery cell LG Chem INR21700-M50L is a high-precision, physical cell model with global validity. As a digital twin it seamlessly ...



Understanding the 21700 Battery and Its ...

May 17, 2025 · The 21700 battery, with 21mm diameter and 70mm length, offers 3.7V voltage and up to 5,000mAh capacity, making it ideal for high ...



LG INR21700 M52V Lithium ion Cell

This LG INR21700 M52V cell is a cylindrical lithium ion cell with 5000mAh. This is a new model of 21700 cells in recent years. Unlike 18650 cell, it is larger. Besides, this kind 21700 cell has ...

INR21700 M50LT Li-ion Cell

INR21700 M50LT Li-ion Cell - High-Capacity Powerhouse for Industrial Excellence Engineered for extreme reliability, the INR21700 M50LT lithium-ion cell delivers 4800mAh capacity and ...



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