



Lg21700 battery cell parameters





Overview

This PDF datasheet is for the LG INR21700 M50LT lithium ion battery. LG Chem INR21700M50LT Cylindrical Rechargeable Lithium Ion Battery Cell 3.69V 18.2Wh (5000mAh) This product specification defines the requirements of the rechargeable lithium ion battery to be supplied to the.

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This document should only be used for engineer study and pre-discussion before confirming the actual cell spec. This document is NOT the final version. Revision of 2.6 Max. Charge Current and 2.9 Max. Revision of 2.6 Max. Charge Current and 2.9 Max. Discharge Current 2.5 Max. Charge Voltage 2.6.

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LG INR 21700 M50 has an NMC 811 formulation for the cathode and a Graphite-SiO_x anode. It is in the 21700 cylindrical format. The diameter is given based on largest measurement at the top of the cell (Section A) Reference 1 has many continuous discharge curves for this cell from 0.2A up to 20A.

Get everything you need for the lithium-ion battery cell LG Energy Solution INR21700-M50LT: Extensive measurement data in the total operation regime, a high-precision, physical battery model with global validity, and a teardown report that contains all details about materials and microstructures.

The Voltt is our cell selection and simulation platform that cuts the time to identify the right battery for your programme by up to 70%. Start exploring advanced battery data and models with a 14-day free trial of The Voltt to make faster, more confident design decisions with trusted data Explore.

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.



Lg21700 battery cell parameters



[LG INR21700M50LT rechargeable li-ion battery Datasheet](#)

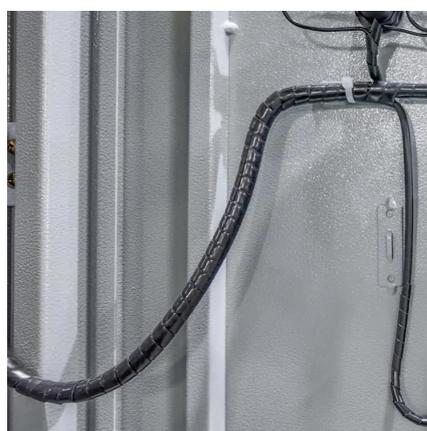
This datasheet provides all the information from LG Chem about the INR21700 M50LT li-ion battery, as detailed in the table of contents. Reading it completely will address most questions ...

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Lg 21700 Datasheet

Interested in learning more about the specific parameters and characteristics of the Lg 21700 battery? Refer to the official Lg 21700 Datasheet, provided by the manufacturer for ...

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LG INR 21700 M50

Chang-Hui Chen et al [7] used this cell to develop the cell teardown, analysis techniques and subsequent mathematical models. The table below comes from this paper and ...

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LG 21700 M50LT Battery: Features, Specifications, and Usage ...

These redundancies meet UN38.3 transportation safety standards and IEC 62133 certifications. For industrial applications, LG recommends pairing the cell with a battery ...



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LG Energy Solution INR21700-M50LT Battery Data, Model and ...

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[Product Specification: Rechargeable Lithium Ion ...](#)

This document provides product specifications for a rechargeable lithium ion battery model INR21700 M50 18.20Wh. Key details include: 1) Nominal ...

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[LG Chem M50 lithium-ion battery cell datasheet ...](#)

Dive into the technical specifications of the battery and explore detailed data sheets and models. Unlock valuable insights for your projects and make ...

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PRODUCT SPECIFICATION



This Product Specification (this "Document") defines the requirements of the rechargeable lithium ion battery cell (the "Cell") to be supplied to Robert Bosch GmbH and etc. by LG Energy ...

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[Understanding the 21700 Battery and Its](#)

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

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Product Specification: Rechargeable Lithium Ion Battery Model

This document provides product specifications for a rechargeable lithium ion battery model INR21700 M50 18.20Wh. Key details include: 1) Nominal energy is 18.20Wh with minimum ...

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LG INR21700 M50



The newest 21700 cell on the market and the most high capacity cells so far in the new format. Surpassing Samsung 48G with 200mah and testing confirms they are a whopping ...

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Dive into the technical specifications of the battery and explore detailed data sheets and models. Unlock valuable insights for your projects and make informed decisions with this powerful battery.

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

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.

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