



# Lg21700 battery cell main parameters





## Overview

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This Product Specification (this “Document”) defines the requirements of the rechargeable lithium ion battery cell (the “Cell”) to be supplied to 000000 by LG Energy Solution, Ltd (“LG Energy Solution”). All conditions and criteria written in this Document are defined. LG INR 21700 M50 has an NMC 811 formulation for the cathode and a Graphite-SiO<sub>x</sub> anode. It is in the 21700 cylindrical format. 2A up to 20A. The Product Identified in this Product Specification (“Cell” or “Product”) is an industrial component part that is intended to be used ONLY for use in Battery Packs with protective circuitry. **USE OF A CELL OUTSIDE OF A BATTERY PACK CAN CAUSE SEVERE, DISFIGURING BURNS OR INJURIES.** 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. When Tesla first announced the shift from the standard 18650 form factor to the larger 21700 cell, the entire battery industry held its breath. Years later, looking at the landscape from our facility in Shenzhen, it's clear this wasn't just a trend—it was a necessary evolution.



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### [LG Energy Solution INR21700-M50LT Battery Data, Model and Report](#)

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 ...

### 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 lists some of the ...



### [Beyond the Datasheet: Why the LG 21700 Cell is Still the Industrial](#)

An in-depth analysis of LG 21700 battery cells (M50, H2) for industrial use. We explore real-world performance, cycle life, and how they compare in the current market.



### 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 comprehensive details and ...



### [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 you might have.

## PRODUCT SPECIFICATION

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### [21700 Battery Specifications: Datasheet and Properties](#)

21700 battery data sheet: The data sheet specification describes the technical parameters and standard tested output of each for the particular component or module.

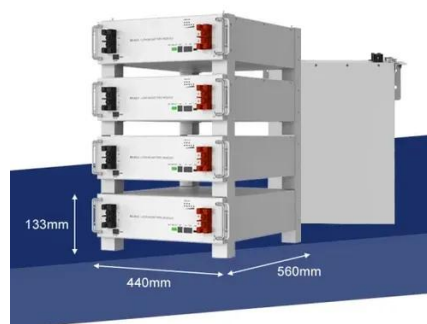


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## parameters

A 21700 battery is a type of rechargeable lithium-ion battery cell. It is one of the most popular and commonly found cells in various applications, including electric vehicles, battery-powered ...





## Contact Us

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