

Specifications of cylindrical lithium iron phosphate batteries





Overview

What are the different types of lithium phosphate batteries?

1. Cylindrical LiFePO₄ Cells Cylindrical LiFePO₄ cells are the most commonly used type of lithium iron phosphate batteries. They resemble the shape of traditional AA or AAA batteries and are widely employed in applications where high power and durability are essential.

What are lithium iron phosphate (LiFePO₄) batteries?

Lithium iron phosphate (LiFePO₄) batteries are known for their high safety, long cycle life, and excellent thermal stability. They come in three main cell types: cylindrical, prismatic, and pouch. Each of these types has distinct characteristics that make them suitable for various applications.

What is a cylindrical lithium ion battery?

Cylindrical cells one of the most widely used lithium ion battery shapes due to ease to use and good mechanical stability. The tubular cylindrical shape can withstand high internal pressures without collapsing. Melasta produces multiple sizes and capacities according to the customer requirement.

What is the capacity of lithium iron phosphate battery?

DATASHEET Page 1/2 ELECTROCHEMISTRY Lithium iron phosphate (LiFePO₄) battery, LFP NOMINAL VOLTAGE 3.2V DISCHARGE CUT-OFF VOLTAGE 2.5V MAX CONT. DISCHARGE RATE 3C STANDARD CAPACITY (0.5C, 25°C) 3200mAh CHARGE VOLTAGE (V) 3.65V MAX.



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IFR 26650 3.2V 3000mAh LFP Cylindrical ...

Aug 1, 2025 · IFR26650-3000mAh, Lithium Iron Phosphate LFP chemical ...

Specifications for cylindrical lifepo4 cells

Aug 8, 2025 · Cylindrical lifepo4 cells is a specific shape of lithium ion battery, that is, lithium iron phosphate battery, is a high-performance secondary battery, widely used in electric vehicles, ...

IFR 26650 3.2V 3000mAh LFP Cylindrical Lithium Battery Cell

Aug 1, 2025 · IFR26650-3000mAh, Lithium Iron Phosphate LFP chemical system Cell dimension: Diameter: 26.3 ± 0.2 mm, Height: 65.2 ± 0.3 mm Application of 26650 lifepo4 battery: Energy ...

Types of LiFePO4 Battery Cells: Cylindrical, Prismatic, and ...

Dec 6, 2025 · Lithium iron phosphate (LiFePO4) batteries are known for their high safety, long cycle life, and excellent thermal stability. They come in three main cell types: cylindrical, ...

18650 Lithium Iron Phosphate Cylindrical Battery-LISHEN

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LiFePO4 Cylindrical Cells

The Cylindrical Lithium Iron Phosphate (LiFePO4 - LFP) range consists of 9 models in 18650 or 26650 formats. The cells have a nominal voltage of 3.2v and capacities from 1100 mAh to ...

Types of LiFePO4 Battery Cells: Cylindrical, ...

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Lithium Ion Battery Specifications

Oct 28, 2015 · Lithium Ion Battery Specifications Type: Cylindrical Lithium Iron Phosphate Battery

LFP Cylindrical cell

Jul 15, 2025 · LFP Cylindrical cell Product Design Concept Cylindrical lithium iron phosphate batteries can effectively reduce the assembly cost of ...

LITHIUM-ION LFP 3.2/3.2 26650 LFP CELL DATASHEET

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LiFe-Shenzhen Melasta Battery Co., Ltd

Jul 4, 2023 · These cells have high density and light weight which enable this technology to use in multiple devices.Lithium Iron Phosphate Cylindrical ...

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Cylindrical LiFePO4 Cells

Premium cylindrical LiFePO4 cells with 3,000+ cycle life, fast charging, and superior safety. Available in 18650, 26650, 32650 formats for industrial applications, energy storage, and ...

LFP Cylindrical cell

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