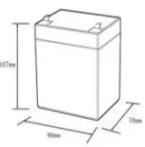

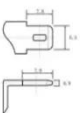


# What are the specifications of cylindrical lithium batteries



## What are the specifications of cylindrical lithium batteries

**12.8V6Ah**

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Nominal voltage (V):12.8  
 Nominal capacity (ah):6  
 Rated energy (WH):76.8  
 Maximum charging voltage (V):14.6  
 Maximum charging current (a):6  
 Floating charge voltage (V):13.6-13.8  
 Maximum continuous discharge current (a):10  
 Maximum peak discharge current @10 seconds (a):20  
 Maximum load power (W):100  
 Discharge cut-off voltage (V):10.8  
 Charging temperature (°C):0-+50  
 Discharge temperature (°C):-20-+60  
 Working humidity: <95% R.H (non condensing)  
 Number of cycles (25 °C, 0.5c, 100%doD): >2000  
 Cell combination mode: 32700-4s1p  
 Terminal specification: T2 (6.3mm)  
 Protection grade: IP65  
 Overall dimension (mm):50\*70\*107mm  
 Reference weight (kg):0.7  
 Certification: un38.3/msds

### Lithium Batteries: Types, Specifications, Lifespan, and More

Understanding lithium battery specifications is critical for selecting the right battery for your needs. Below are the core metrics to consider: Capacity: Measured in ampere-hours (Ah), it ...

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### The Ultimate Guide to Cylindrical Batteries

Here we summarize the cylindrical battery types, capacity, voltage, etc., so you can have a more comprehensive understanding of cylindrical li-ion batteries.

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 FLEXIBLE DEPLOYMENT



### Comprehensive Guide to Popular Lithium-ion Cell Models and Their

Cylindrical lithium-ion batteries are among the most widely used cell types due to their standardized design and robust mechanical stability. These cells, such as the 18650 and 21700 ...

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### Everything You Need to Know About Cylindrical Batteries

In this guide, we'll explore everything you need to know about cylindrical batteries, their types, applications, and key considerations. 1. Appearance of Cylindrical Lithium Batteries.

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## Top 5 Cylindrical Lithium Battery Models and Specifications Explained

Learn about the most common cylindrical lithium battery models, including 18650, 21700, and 26650, their specifications, and applications in medical, industrial, and consumer devices.

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## Cylindrical Li-ion Battery Specs , IrayEnergy

IrayEnergy cylindrical batteries: detailed parameters for 18650/21700 steel-can and 08500/10500/23600 soft-pack cells, with downloadable specification tables.

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## Common Cylindrical Lithium Battery Sizes: Applications, Trends, and ...

Summary: Cylindrical lithium batteries power everything from portable electronics to renewable energy

systems. This guide explores popular sizes like 18650, 21700, and 26650, their applications across ...

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### Common cylindrical lithium-ion batteries.

The following are common specifications and technical parameters of cylindrical lithium-ion batteries:

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### The Essential Guide to Common Cylindrical Lithium Battery

With the development of lithium battery technology, there is a proliferation of cylindrical lithium battery cells of different types and chemistries. These batteries have different materials, structures and ...

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### What are the specifications of cylindrical lithium batteries

Below we will introduce several common specifications of lithium cylindrical batteries in detail, and provide an

overview of their characteristics and application areas.

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