



MODERNIZATION SOLAR

14500 battery cell size





Overview

What are the dimensions of a 14500 Lithium battery?

The dimensions for the 14500 lithium battery are like those of an AA alkaline battery. The AA battery dimensions are 14mm x 50mm, like the 14500 battery. The 14500 battery is a rechargeable lithium-ion battery. AA batteries have alkaline chemistry, nickel-cadmium batteries, and lithium-ion batteries.

What is a 14500 battery?

The 14500 battery is a rechargeable lithium battery, but its size and shape look like an AA battery. The 14500 battery is a 3.7-volt battery. It is a small-sized and low-weight battery, and the lithium-ion 14500 battery comes with options to use for portable devices like flashlights, torches, and other small electronic devices.

What is the difference between 14500 and 18650 batteries?

Both 14500 and 18650 batteries are types of lithium-ion batteries. They differ in size and capacity. The 18650 battery is larger and heavier than the 14500 battery. Because of this size difference, it cannot be used in devices that need AA-sized batteries. Here's a quick comparison table: The 18650 battery is larger and can hold more energy.

Is a 14500 battery the same as a AA battery?

Not always. While the 14500 and AA batteries are similar in size, the voltage difference is significant. A 14500 battery delivers 3.7V (fully charged up to 4.2V), while a standard AA battery supplies just 1.5V. Using a 14500 in a device designed for AA batteries could damage the device unless it's rated for higher voltage.



14500 battery cell size



What Are 14500 Lithium-ion Battery?

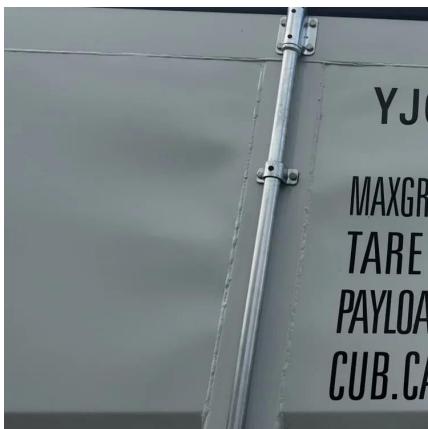
Aug 20, 2025 · Understanding the 14500 Battery

The 14500 lithium-ion battery is a rechargeable cylindrical battery that shares the same dimensions as a standard AA battery--14mm in

...

Primary lithium battery LST 14500

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14500 Battery Features, Dimensions, Equivalent & Uses

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What Are 14500 Rechargeable Lithium Batteries and How Do ...

Apr 11, 2025 · How Do 14500 Batteries Compare to AA and AAA Batteries? While identical in size to AA batteries, 14500 lithium cells provide 3.7V versus 1.5V alkaline voltage. This higher ...



[Primary lithium battery LS 14500](#)

Mar 7, 2023 · Information in this document is subject to change without notice and becomes contractual only after written confirmation by Saft. For more details on primary lithium ...



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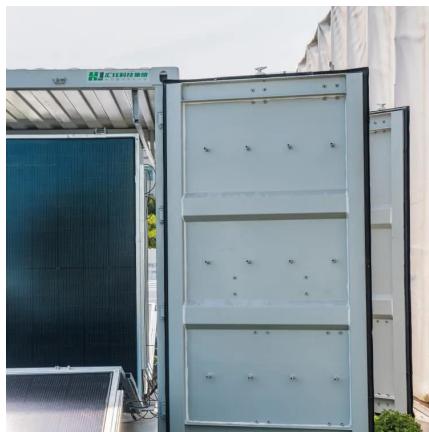
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[What Size Is 14500 Battery?](#)

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[The Ultimate Guide to the 14500 Battery: AA Size, Powerful ...](#)

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What Are 14500 Lithium-ion Battery?

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The 14500 lithium-ion battery is a rechargeable cylindrical battery that shares the same ...



Your Ultimate Resource for Understanding 14500 Lithium Batteries

Mar 12, 2025 · Size: AA and 14500 batteries are similar in size, whereas 18650 batteries are significantly larger, which affects their compatibility with different devices. Voltage: AA batteries ...

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