

# What does tool battery a3 mean





## Overview

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What type of battery does a power tool use?

Essentially, cordless instruments with higher voltage are all the more effective. Rechargeable power apparatus batteries are typically a group of individual cells. The consolidated voltage of the cells decides the battery's general voltage. What shape of power tool battery are there?

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How many Ah does a power tool battery have?

For many major power tool brands, there are normally several tiers of Ah rating for just a single battery type. For instance, Ryobi's 18V ONE+ battery comes in 1.5Ah, 2Ah, 4Ah, 6Ah, 8Ah, and 12Ah variants. Meanwhile, DeWalt's 20V MAX\* XR POWERPACK includes a 4Ah and 8Ah model.

What does a higher Ah mean for a power tool?

Ah stands for ampere-hour and is a measure of a battery's capacity. You'll usually see this rating printed on the side of the battery, along with the output voltage. But what does a higher Ah even mean for your power tool?

According to most manufacturers, a higher Ah is associated with a longer runtime.

What does Ah mean on a battery?

Ah is an abbreviation for ampere-hour, or amp-hour. This describes the charge capacity of a battery, or how much current can be delivered at a constant rate as the battery is depleted over the course of one hour. For example, consider a hypothetical cordless power tool that continuously draws 1.0A of current.



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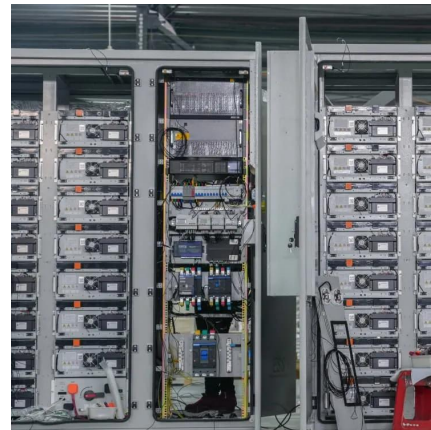


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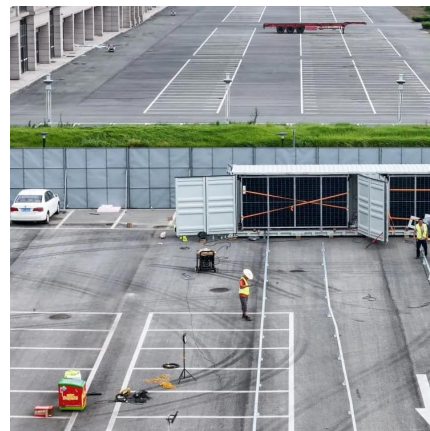


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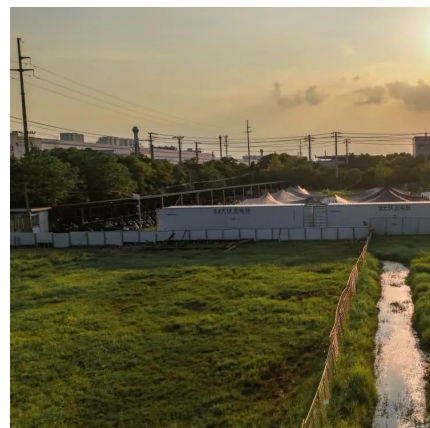
Understanding Cordless Battery Basics  
Types of Cordless Batteries  
Battery Charging Technology  
Practical Tips For Cordless Battery Use and Maintenance  
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Frequently Asked Questions  
When choosing a battery for your cordless tools, it's important to understand the basics of battery technology. Below is an overview some key terms and concepts that will help you make an informed decision when purchasing batteries for your cordless tools. See more on essentialhomeandgarden Published: May 17, 2017  
HubPages

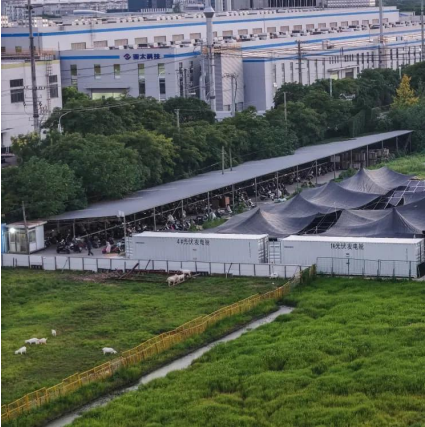
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