



# Power tool lithium batteries are compatible with each other





## Overview

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No, power tool batteries are generally not compatible across different brands. Each brand typically designs its own battery type, which often varies in size, voltage, and connector style. For professionals and DIY enthusiasts across Europe and North America, power tool battery compatibility is more than a convenience—it's a critical factor in productivity, cost-efficiency, and tool longevity. Carpentry, mechanical work and other construction projects are. We recently investigated useful things to know about DeWalt's interchangeable batteries, and the term 'interchangeable' might suggest compatibility with other tools. Over the years, advancements in battery technology have led to the. Tool battery compatibility is one of the most confusing parts of the cordless tool world — and that's exactly why we built this guide and our Battery Finder tool below. Use our compatibility finder tool to check which adapters is available that fit your battery and tool combination.



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### [What Tool Batteries Are Compatible With Each Other?](#)

Power tool batteries aren't cross-compatible due to proprietary battery management systems. Learn why these systems exist and about adapter limitations.

### Power Tool Battery Compatibility Chart

Since around 2021, many power tool batteries are interchangeable with inexpensive aftermarket adapters, indicated by the compatibility chart above. Other tools like Rigid may be ...



### [What Cordless Tool Batteries are Interchangeable: Ultimate Guide](#)

Knowing which ones work together can help you avoid frustration. In this guide, we will explore the world of interchangeable cordless tool batteries. We will discuss various brands and ...



### [Power Tool Battery Compatibility Chart . Cross-Brand Tool Battery ...](#)

Explore our power tool battery chart and learn how adapters let you use DeWalt, Milwaukee, Makita, Ryobi, Bosch, and more across brands. Try our Battery Compatibility Finder now.



### [Are Power Tool Batteries Interchangeable? A Detailed Guide](#)

Are power tool batteries interchangeable? Answer here. Explore the specific conditions under which you can interchange them & when to make the actual change.

### [Are All Power Tool Batteries Interchangeable? Power Tool Battery](#)

Most power tool batteries are not interchangeable because each brand designs its own system with unique connectors, voltage, and electronics. These variations prevent short circuits and ...



### [Power Tool Battery Compatibility Chart: Key Factors & Cross-Brand](#)

Discover our complete power tool battery compatibility chart for top brands (DeWalt, Bosch, Makita & more) - plus cross-brand adapter solutions, official specs, prices, R&D trends, and ...

### [What Cordless Tool Batteries are Interchangeable?](#)



In this post, we'll explore the topic of what cordless tool batteries interchangeability in detail, and help you choose the right batteries for the job.



### [Do All Power Tools Use The Same Type Of Battery? A Guide To](#)

Power tool battery compatibility issues can be addressed through several alternatives. These include using adapters, buying third-party batteries, applying universal battery systems, or ...

### [Are All Power Tool Batteries Interchangeable? Understanding](#)

In this article, we'll delve into the world of power tool batteries, exploring the factors that determine compatibility, the risks associated with using incompatible batteries, and the future of ...





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