

# What is the voltage of the tool battery





## Overview

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What voltage does a cordless power tool use?

Cordless tools use batteries and have lower voltages like 12V or 18V. This balance power and battery life. Corded tools, connected to a power source, can handle higher voltages like 120V or 240V. They offer steady power. How does battery voltage affect the performance and runtime of cordless power tools?

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Battery voltage and amp-hours (Ah) affect cordless tool power and life. Higher voltages (18V or 20V) mean more power.

What does voltage mean in a power tool?

Voltage represents the difference between the battery's positive and negative terminals. Jargon aside, it represents the strength of the battery. Cordless power tools offer a superior level of convenience when compared to their corded counterparts. You can use them without being confined to a nearby wall outlet.

What is a power tool battery?

A typical battery contains individual cells and a circuit board that work together to power your tools. At the core of a power tool battery are individual cells resembling AA or C batteries. These cells are arranged in specific ways to achieve the voltage and capacity you need for your tools.



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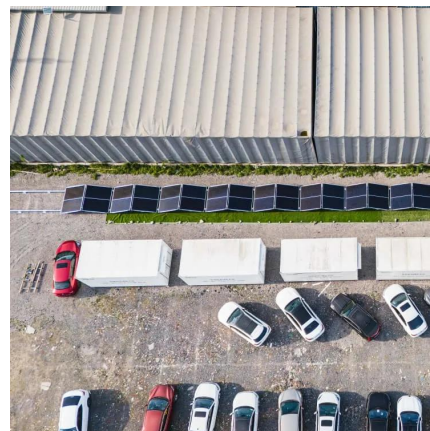
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