

Advantages of lithium batteries for electric tools





Overview

What are the advantages of a lithium battery?

RELiON lithium batteries offer several advantages over traditional flooded, AGM, or GEL lead-acid batteries. They typically weigh one-third less and provide up to 50% more energy than these other types. Additionally, lithium batteries provide more power and have super-low resistance (and 99% efficiency), allowing for much faster charging with minimal losses.

What are lithium-ion batteries used for?

Lithium-ion batteries are among the most advanced energy storage technologies available on the market today. Hence, they are used to operate electrically powered devices of all kinds — from smartphones and battery-powered tools to electric forklifts and electric vehicles. Some of their advantages include:

Why are lithium ion batteries so popular?

Lithium-ion batteries dominate modern energy storage due to their high energy density, lightweight design, and long cycle life. They power smartphones, EVs, and renewable systems efficiently. Unlike older technologies, they charge faster, lose less energy when idle, and adapt to compact designs.

Do lithium ion batteries work?

High current: Where a large amount of energy is needed, such as for use in devices like cordless drills or electric vehicles, lithium-ion batteries work very well because they can provide particularly high amperages. This means they can provide enough power, even for energy-intensive operations.



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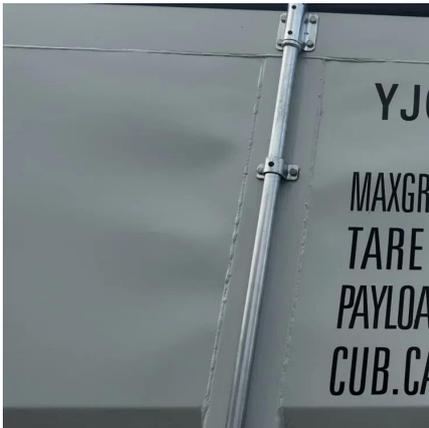
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