

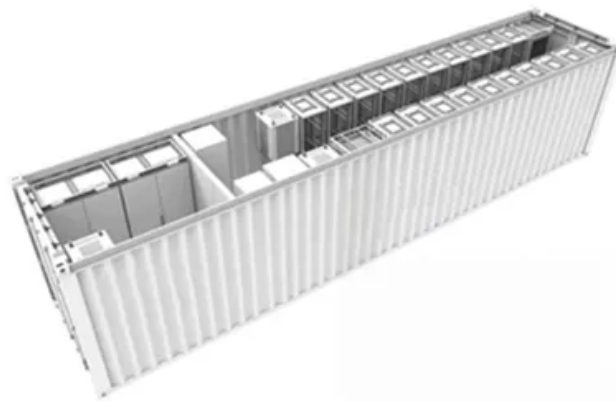
## A-Core Container

# Are 20v and 24v lithium battery packs the same



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**1-3MWh**  
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## Overview

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Power Tool Batteries are only compatible with the same brand (brand compatibility exists) provided they have the same voltage, amps, chemistry, and size/shape. Cross-brand compatibility DOESN'T exist between these power tools as each brand has its unique design which fits well in its tools (brand).

There are incremental gains with each step up in voltage in terms of power, battery run time, technological staying power. 20 and 18 V systems are the same, it's just the way Dewalt and Porter Cable initially distinguished between 18V nicad systems and lithium ion systems. 24V is probably.

Yes, all of our 20V BLACK+DECKER batteries and chargers are interchangeable within our 20V BLACK+DECKER product line. Besides, which power tool batteries are interchangeable?

The different sizing of the cordless battery slot itself causes each brand to have its own battery pack size even though.

The 20 volts lithium -ion cells, like those found in Porter Cable and Dewalt tools, will not work with other brands' chargers because their output voltage requirements aren't compatible without some modifications on each tool. Moreover, Black & Decker is committed to bringing you the best home.

No, 20V lithium batteries are not universally interchangeable across all brands and tools due to differences in battery design, connectors, and proprietary technology. However, some brands offer cross-compatible battery platforms that allow interchangeability within their product lines. If you've.

Different battery chemistries have varying benefits and drawbacks. Lithium-ion batteries: they offer high energy density, longer life cycles, and low self-discharge rates. They are also lightweight and easy to use. Nickel-cadmium (nicad) batteries: they have a reliable charging system, and they are.

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### Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
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