

## SolarTech Power Solutions

# Are all lithium battery packs universal



## Overview

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Most 18V battery packs are not universal. Brands like Ryobi, Bosch, Makita, and DeWalt use proprietary battery systems for their tools. While some models may support interchangeable batteries, always check the specific brand's compatibility. Read the voltage, battery capacity, and manufacturer.

Are the lithium batteries inside packs compatible across brands?

I'm curious if one can pull the lithium batteries from cheap brands like Hercules and Bauer (Harbor Freight) and use them to replace bad batteries in an old Dewalt or Milwaukee battery pack. Any y'all do that?

If it were possible it.

In the crazy world of batteries and the unlimited ways in which you can purchase lithium-ion cells, it's important to have additional knowledge so you know exactly what you're purchasing. Let's begin with some common features of lithium-ion cylindrical cells. These cells will have a positive and a.

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Some manufacturers offer interchangeable battery platforms within their own brands. These systems allow users to swap the same battery across different

tools in a product line. For instance, INGCO's P20S lithium platform supports a range of power tools, including cordless drills, impact drivers.

Since many power tool brands are concerned about this problem, they have started producing universal or cross-compatible batteries that will work equally well with devices from other brands as well. Consequently, it makes it easier to switch between tools without having to buy a lot of batteries.

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