

# Can solar container lithium battery packs be mixed

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Lithium-ion packs may develop dangerous cell imbalances requiring professional reconditioning. In solar applications, mixed-capacity lead-acid batteries sulfate faster, ...

Given that I have only a 100Ah battery now, what are the issues with mixing LiFePO4 batteries of different capacities? e.g. say I can afford to build a 150Ah battery.

Yes, you can mix different capacity lithium batteries, such as a regular 12V 100Ah and a Lithium server rack battery, in parallel. However, you cannot combine them in series.

As a dedicated battery manufacturer, we clearly state that: Mixing lithium batteries is a high-risk practice that jeopardizes safety, system performance, and your investment.

We recently did a piece about mixing up different wattage solar panels into a single array as you gradually ramp up your off-grid power ...

Although mixing different LiFePO4 battery brands is technically feasible under strict and controlled conditions, the inherent risks make it generally inadvisable.

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There is no noticeable difference that I can see. I'm sure more time will add to that, but I think worst case is that you have some that charge up quicker and you'll lose a little bit of ...

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