

## ContainerPower Energy Solutions

# Combined lithium battery pack



## Overview

---

Can you mix different capacity lithium batteries?

Yes, you can mix different capacity lithium batteries, whether a normal 12V 100Ah battery or a Lithium server rack battery. You can combine different capacity batteries in parallel. You cannot combine different capacity batteries in series. There are a few points you need to consider when wiring in parallel. Let's explore these three points.

Why should you choose Vanguard ® commercial lithium-ion battery packs?

Designed as a durable integrated battery system. Scalable. Serviceable. Sustainable. Vanguard ® Commercial Lithium-Ion Battery Packs provide unmatched power, reduced maintenance and lower total cost of ownership. Learn why all batteries are not created equal in our latest Charged series article focused on Lithium-Ion battery safety.

Where can I buy lithium-ion battery products?

Lithium-Ion Battery Products - Battery Packs are in stock at Digikey. Order Now! Lithium-Ion Battery Products ship same day.

Can lithium ion be combined with LiFePO4?

It is not possible to combine lithium-ion with LiFePO4. This is because lithium-ion has a slightly higher voltage than LiFePO4. The batteries get charged all at the same time. A smaller battery will be at the same voltage as a larger battery. Therefore, the state of charge will be equal in all batteries.

Can you use multiple lithium batteries in parallel?

Here is a diagram for multiple lithium batteries in parallel. You can add individual battery switches after the fuses. From the main busbar, it can go to your inverter, charge controller, or generator. The negative cables can go to a busbar, then a shunt, then another busbar.

What equipment is matched to the vanguard battery pack?

OEM equipment is matched to the Vanguard Battery Pack in our state-of-the-art Power Application Centers. This unique offering allows Vanguard to tailor its versatile battery application expertise to ensure optimum equipment performance.

## Combined lithium battery pack

---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.websparafotografos.es>