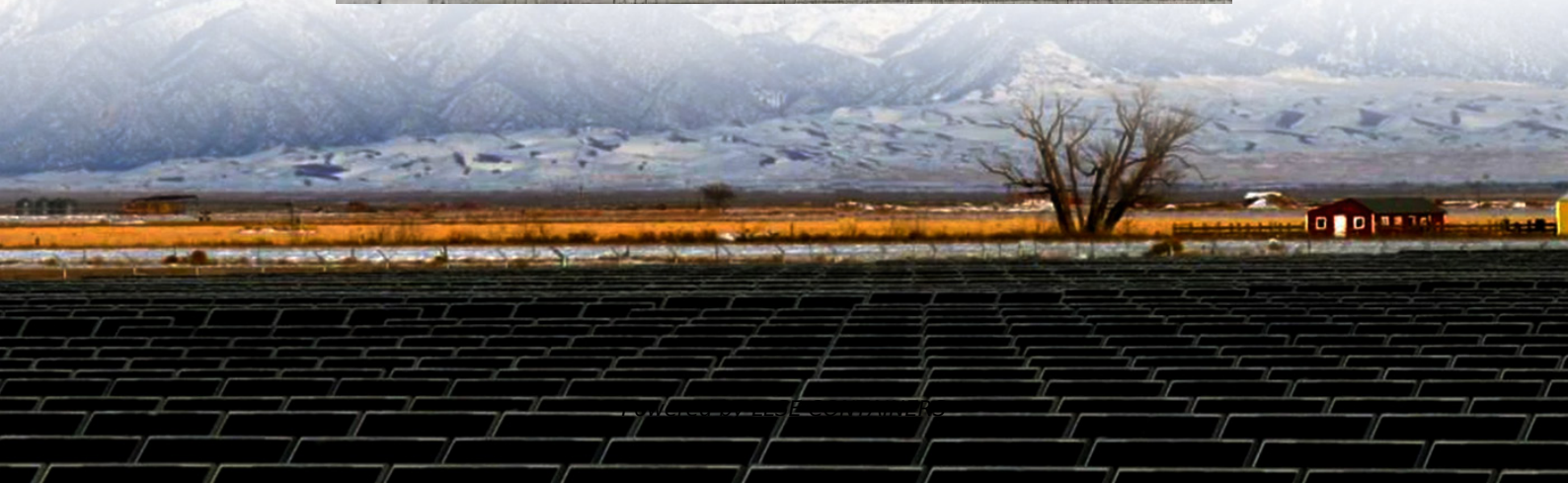
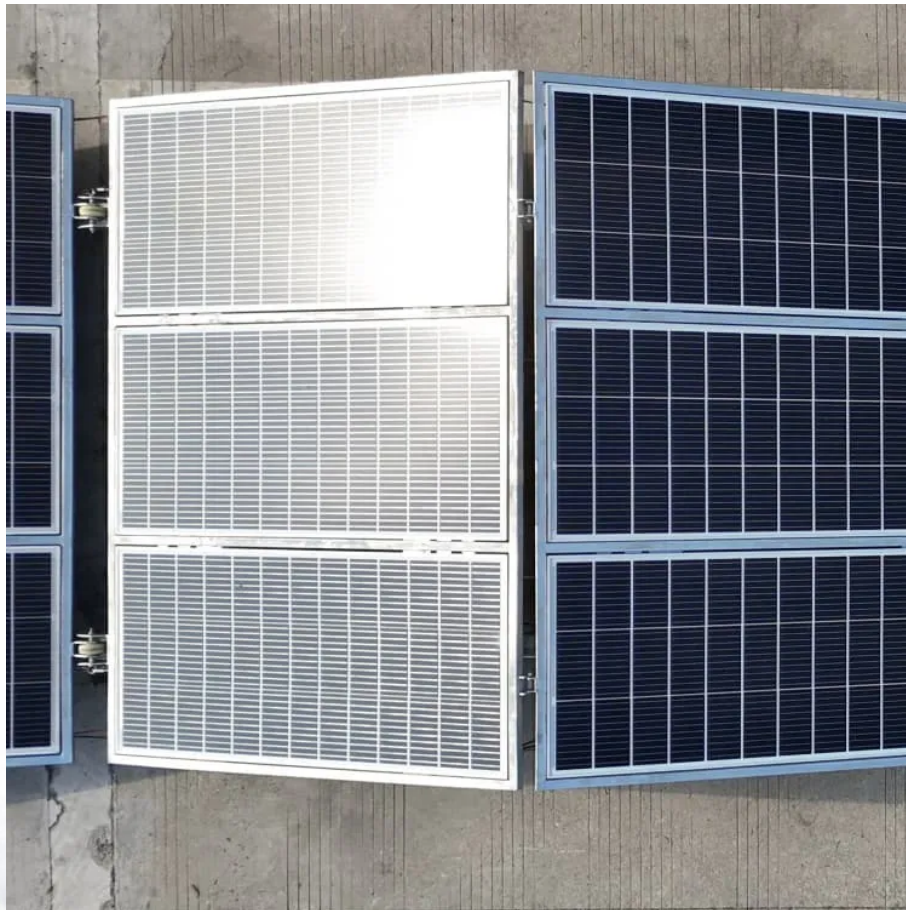


# **8 groups of lithium iron phosphate battery packs connected in series**





## Overview

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How are LiFePO4 batteries connected?

Like other types of battery cells, LiFePO4 (Lithium Iron Phosphate) cells are often connected in parallel and series configurations to meet specific voltage and capacity requirements for various applications. The following is some information about series and parallel connections before we get into the details further.

Can You charge lithium iron phosphate batteries in parallel?

Combining series and parallel connections allows for customization of the battery pack's energy (Wh) and power (W) density to suit specific needs, such as in electric vehicles or stationary energy storage systems. By following these guidelines, you can effectively charge lithium iron phosphate batteries in parallel.

What are the different types of lithium battery packs?

Lithium battery series and parallel: There are both parallel and series combinations in the middle of the battery pack, which increases the voltage and increases the capacity. Such as 4000mAh, 6000mAh, 8000mAh, 5Ah, 10Ah, 20Ah, 30Ah, 50Ah, 100Ah and so on. Take 48V 20Ah lithium battery pack as an example Lithium Battery PACK.

Why are lithium batteries connected in series?

Lithium batteries are connected in series when the goal is to increase the nominal voltage rating of one individual lithium battery - by connecting it in series strings with at least one more of the same type and specification - to meet the nominal operating voltage of the system the batteries are being installed to support.



## 8 groups of lithium iron phosphate battery packs connected in series

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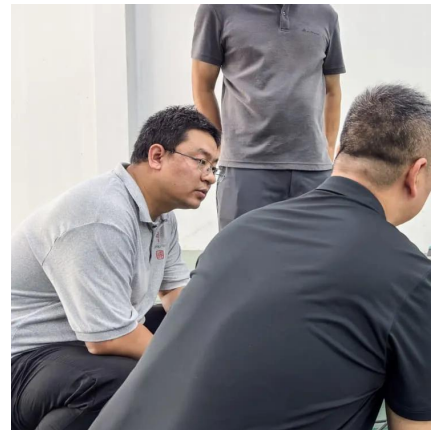


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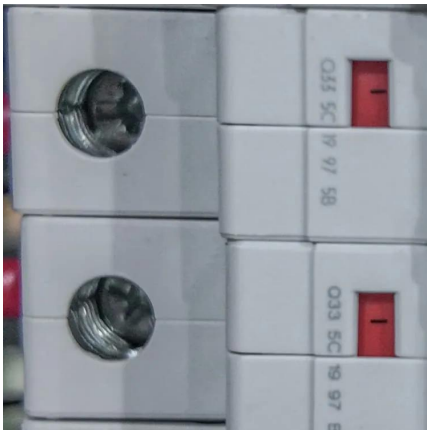
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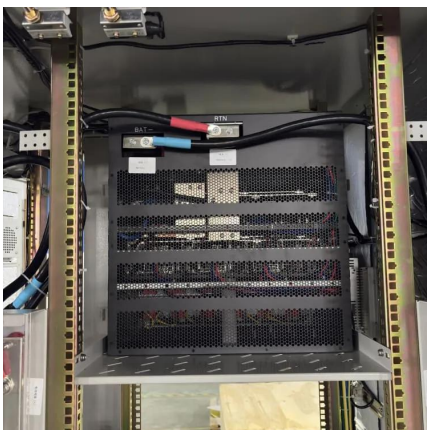


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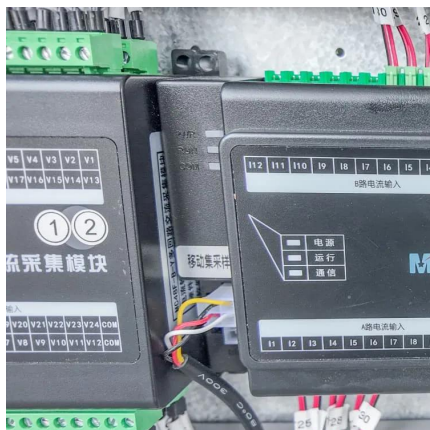


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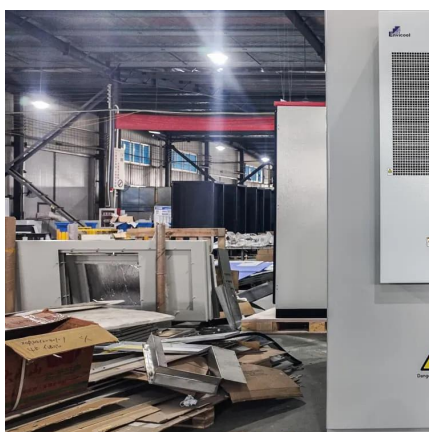
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