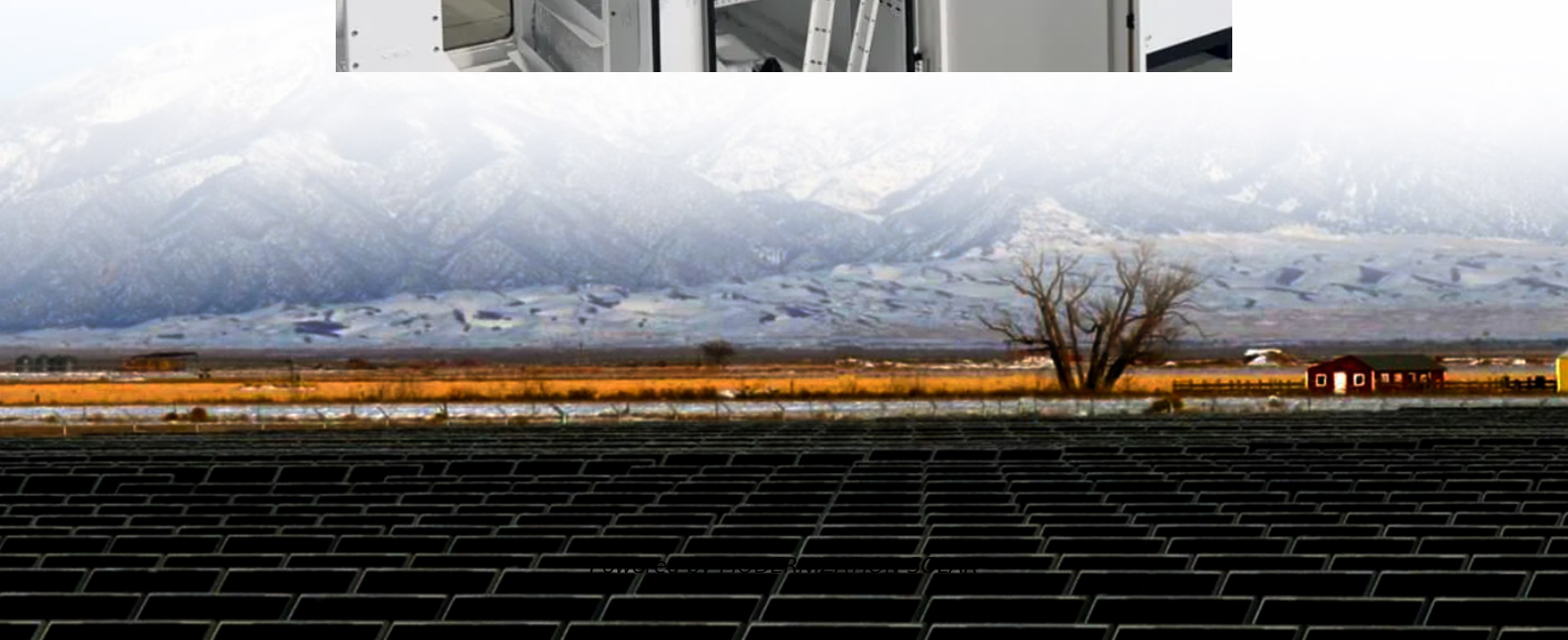


# **How to connect the large lead-acid battery cabinet line**





## Overview

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### How to connect batteries in parallel?

Connecting batteries in Parallel is normally performed to increase capacity. This can be done by connecting the positive terminal of the first battery to the positive terminal of the second battery. Likewise, the negative terminal of the first battery is connected to the negative terminal of the second battery.

### How to connect a battery in series?

Connecting batteries in series means to connect the positive terminal of the first battery to the negative terminal of the second battery and so on down the string. The interconnecting cables must have equal lengths and resistance to equalize the load.

### Can I build a battery bank out of multiple series/parallel 12V batteries?

If a large battery bank is needed, we do not recommend that you construct the battery bank out of numerous series/parallel 12V lead acid batteries. The maximum is at around 3 (or 4) paralleled strings. The reason for this is that with a large battery bank like this, it becomes tricky to create a balanced battery bank.

### Why do we connect batteries together?

batteries together to support a single application. By connecting batteries into connected strings of individual batteries we create a battery bank with the potential to operate at an increased voltage; or with the potential to operate with increased capacity and runtime, or with the potential to operate both at an increased v



## How to connect the large lead-acid battery cabinet line

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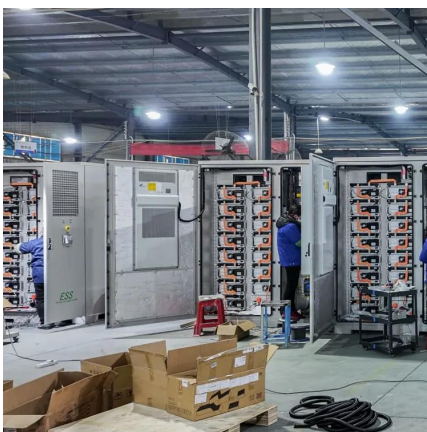


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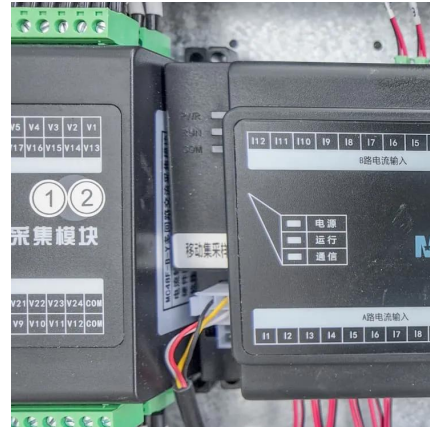
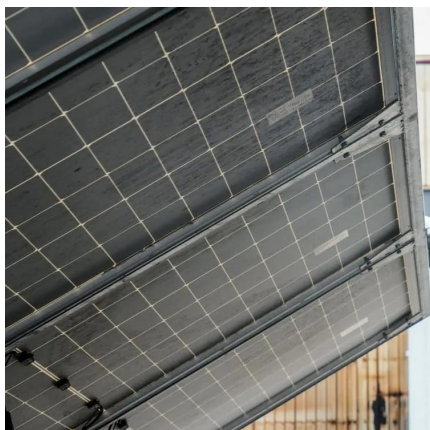
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## Battery Connections

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