

Quick Guide



Series-Parallel Rules:

If you need to use batteries in series or parallel, you shall strictly follow the below specifications during installation and operation to ensure personal safety.

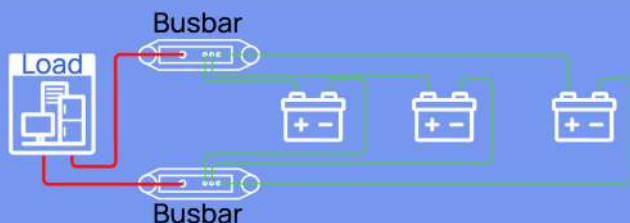
Battery Voltage	Maximum Series - Parallel Connection	Maximum Series Quantity	Maximum Parallel Quantity
12V	≤ 8	4	4
24V	≤ 4	2	4
36V/48V	≤ 2	1	2



Busbar Configuration Standard:

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When batteries are connected in parallel, "current concentration in a few branches" is inevitable, which may lead to safety risks. However, a busbar balances current in each parallel branch to ensure your safety. When the number of parallel-connected batteries reaches 3 or more, it is strongly recommended to use a busbar for connection.

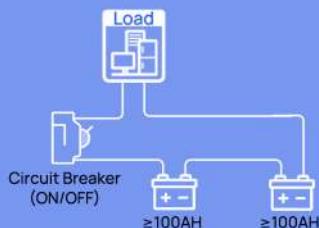


*The current in the red connecting wire is three times that in the green one.

Battery Switch / Circuit Breaker Configuration Standards:

When a system is composed of batteries with a single-battery capacity of 100AH or higher:

For series connection, a circuit breaker is recommended to be installed in the main circuit.



For parallel connection, additional circuit breakers are recommended to be installed in each branch circuit.

