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BATTERIES

- WIRING CONFIGURATIONS

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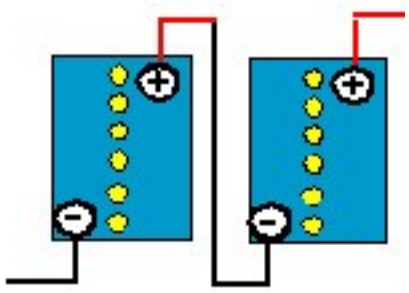
Batteries in series

12V 12V



24V

100Ah

100Ah 100Ah

Overall battery voltage is the sum of all cells/batteries
Overall battery Ah capacity is remains that of individual cells/ batteries

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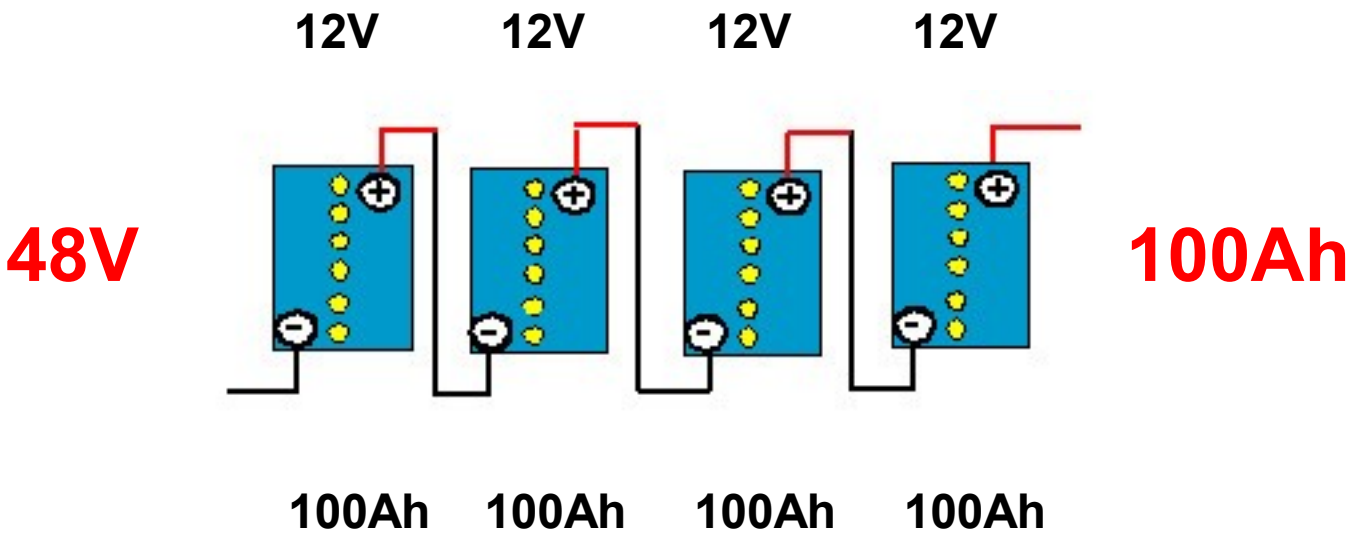
Batteries in series



Overall battery voltage is the sum of all cells/batteries
Overall battery Ah capacity is remains that of individual cells/ batteries

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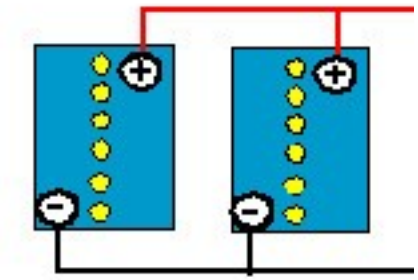
Batteries in parallel

12V 12V

12V



200Ah

100Ah 100Ah

Overall battery voltage remains the same
Overall battery Ah capacity is added

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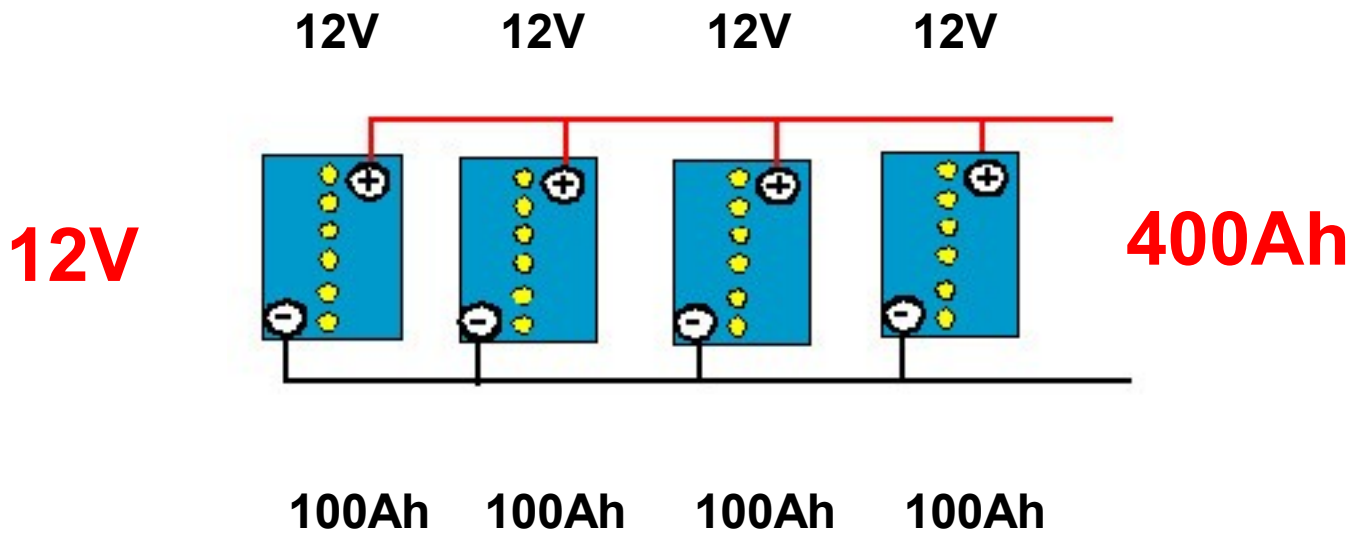
Batteries in parallel



Overall battery voltage remains the same
Overall battery Ah capacity is added

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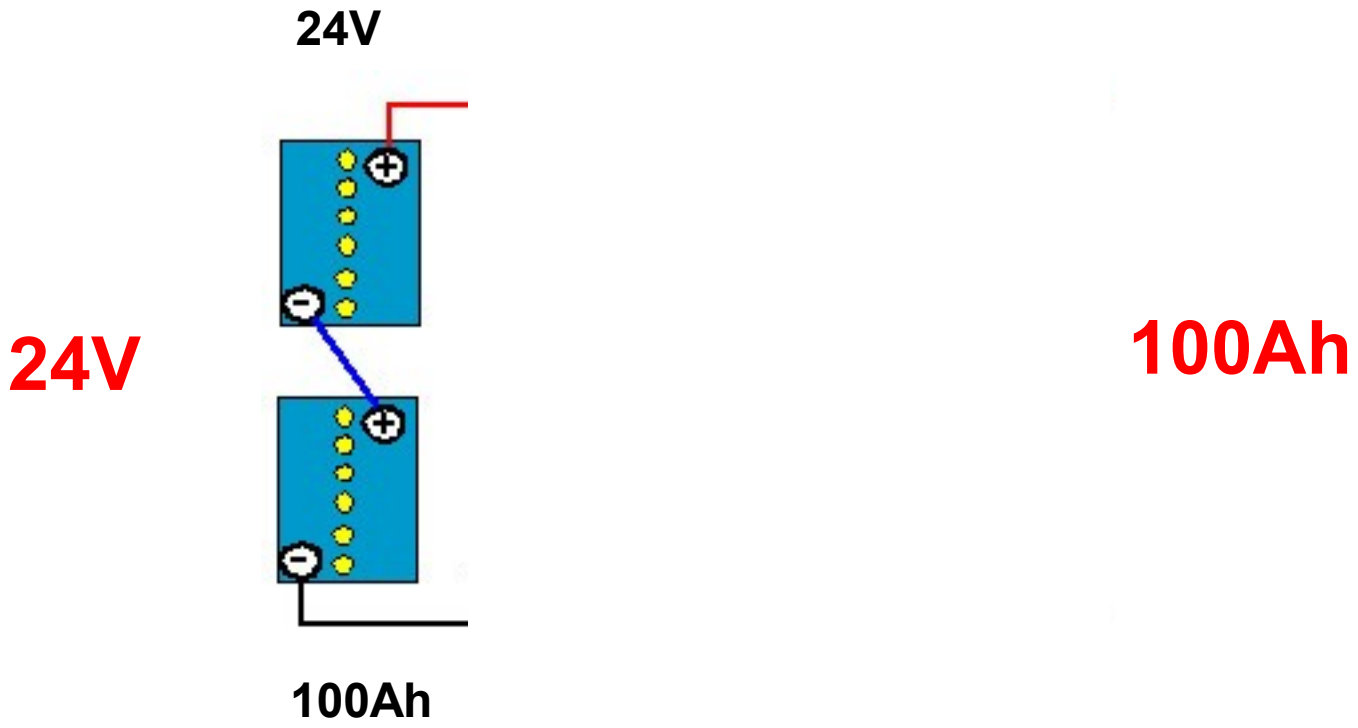
Batteries in series-parallel



Strings consist of batteries in series so voltage is added up
Strings are connected in parallel so Ah capacity is added up

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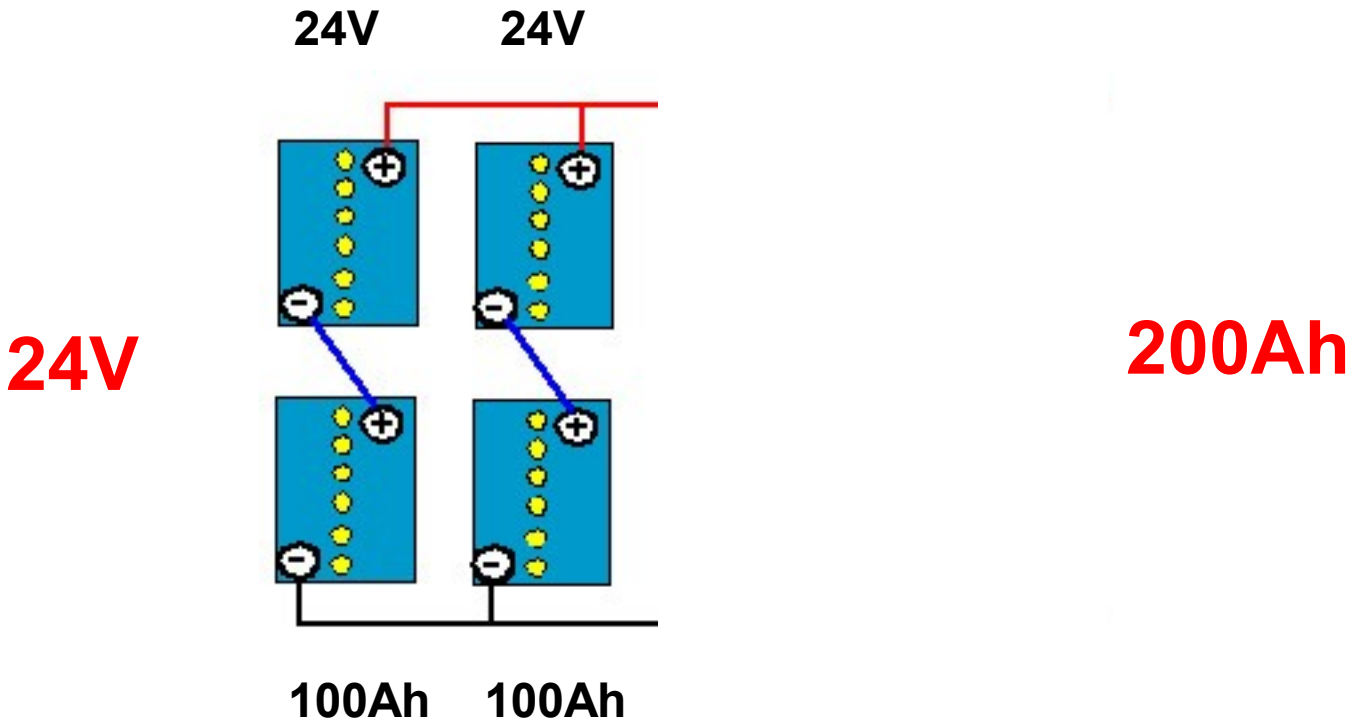
Batteries in series-parallel



Strings consist of batteries in series so voltage is added up
Strings are connected in parallel so Ah capacity is added up

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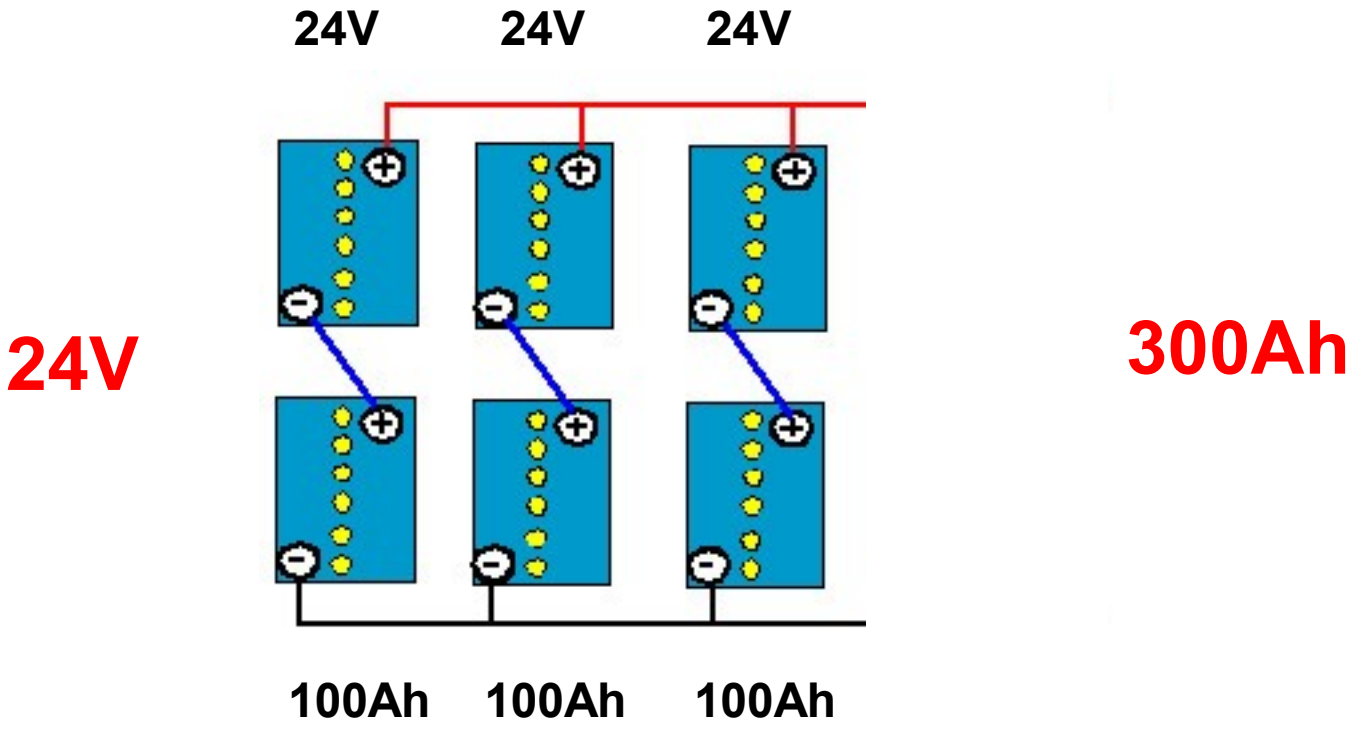
Batteries in series-parallel



Strings consist of batteries in series so voltage is added up
Strings are connected in parallel so Ah capacity is added up

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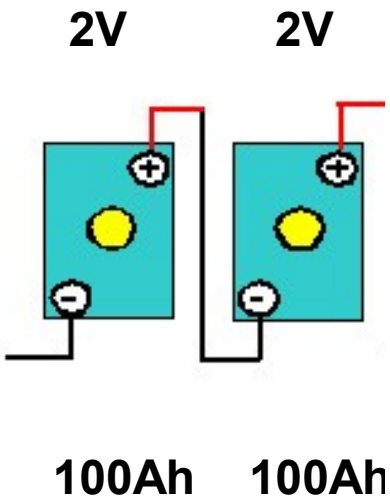
Cells in series



Overall battery voltage is the sum of all cell voltages
Overall battery Ah capacity is remains that of individual cells

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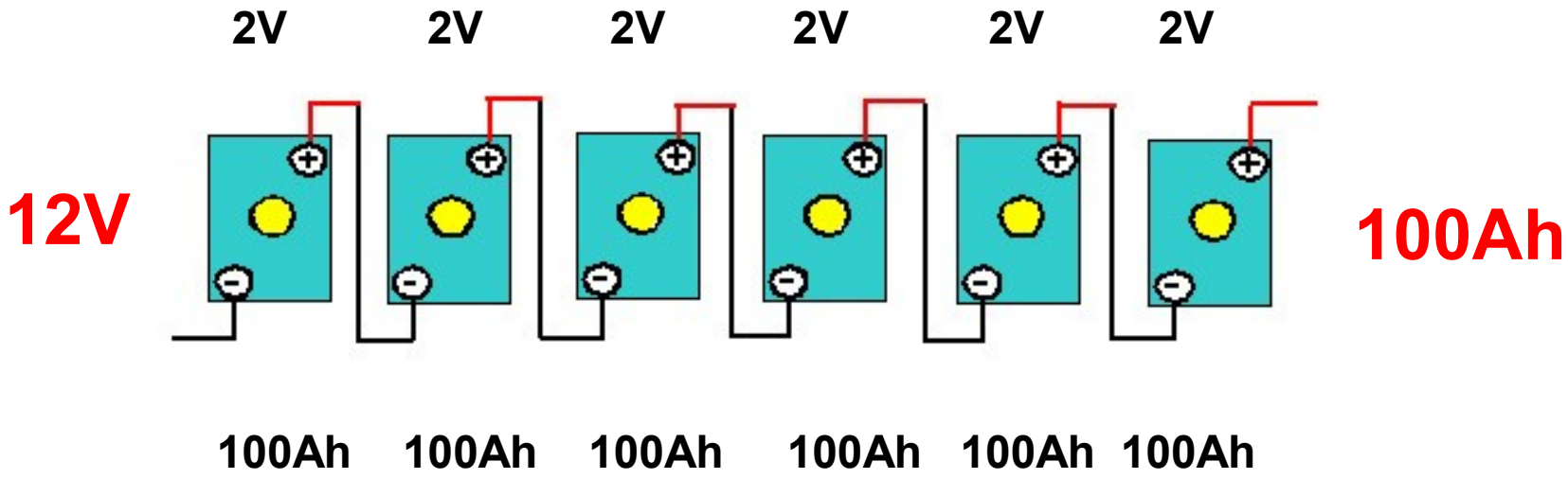
Cells in series



Overall battery voltage is the sum of all cell voltages
Overall battery Ah capacity is remains that of individual cells