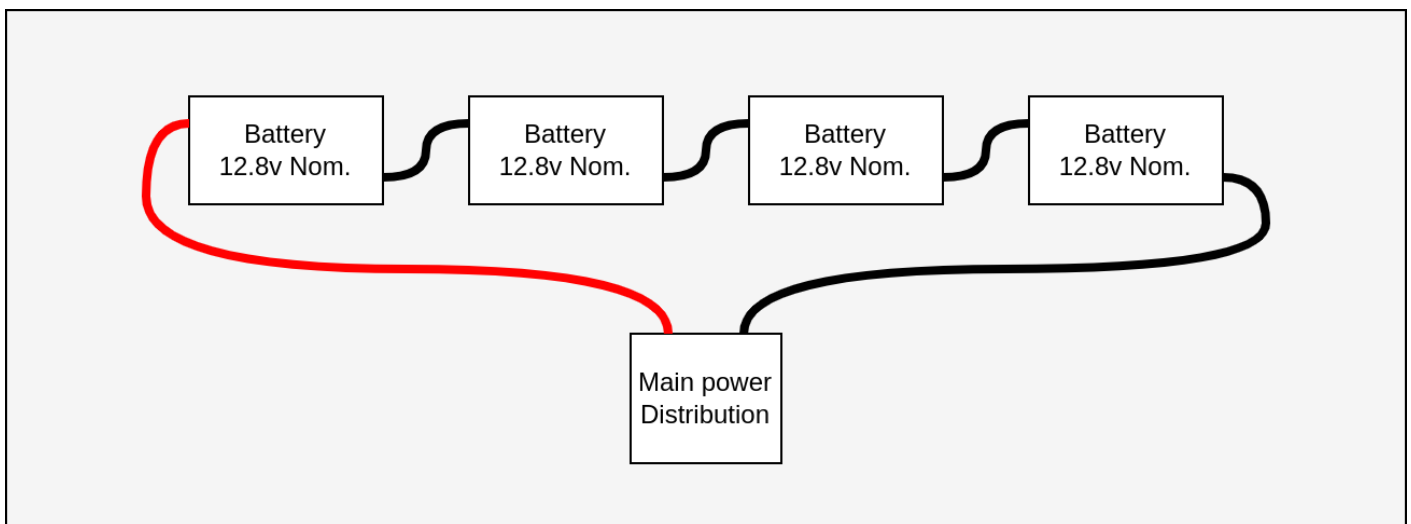


Batteries

High Power System Batteries ([link](#))

We will continue to use out 4 100ah Lithium Iron Phosphate (LiFe) batteries that we choose last year for our competition. These batteries were very oversized for our purposes last year but will much better suited this year with our higher power requirements. Lithium iron phosphate was chosen for it's safety to density ratio. Compared to Lithium Ion(Li-Io) or Lithium Polymer(Li-Po) LiFe is less energy dense but also comes with a more safe chemistry.

Battery Configuration



The batteries will be configured in a 4s configuration of the battery packs we use. If you consider the internal configuration of each pack we will be using a 16s battery configuration.

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