

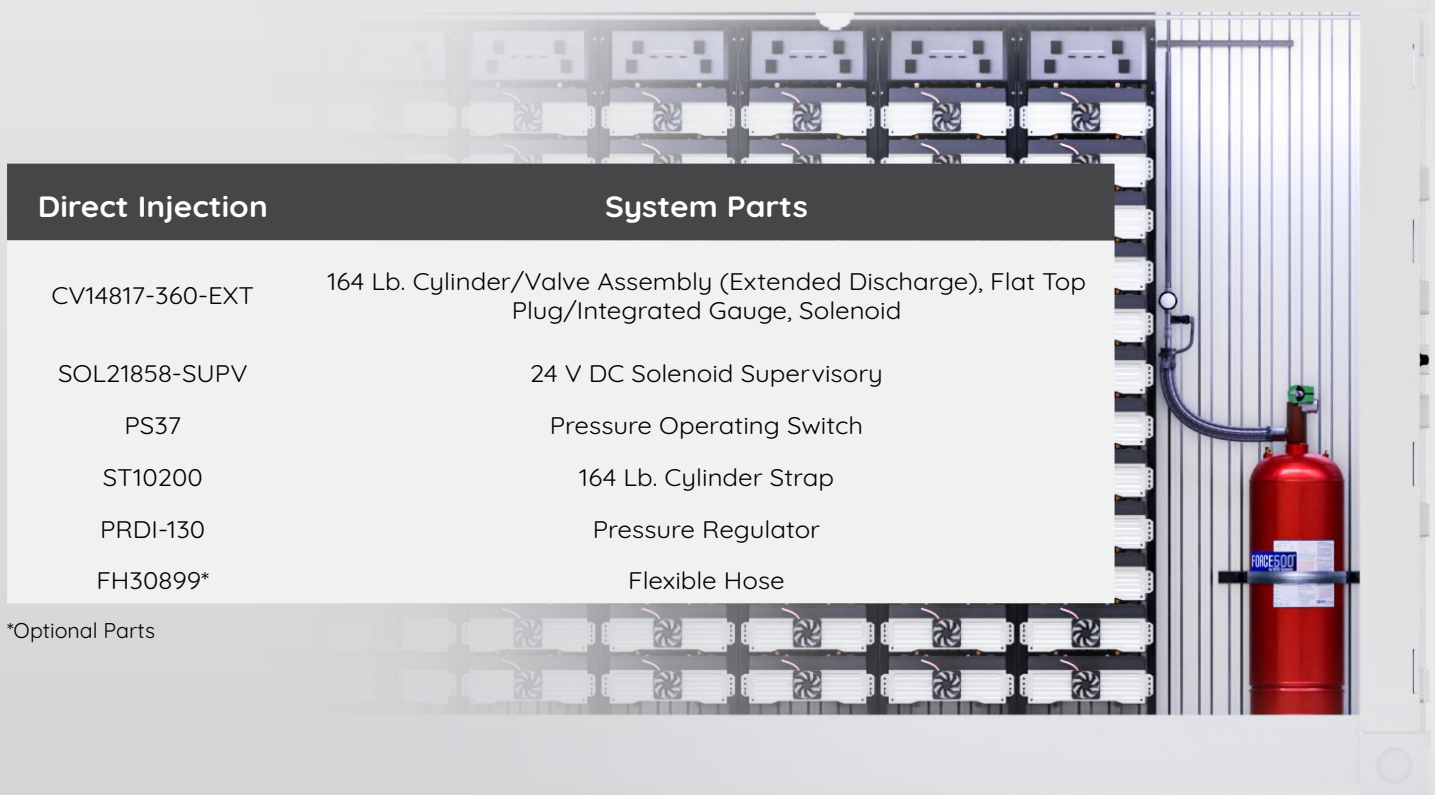
Direct Injection



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Sevo Systems utilizes direct injection as an effective solution to combat thermal runaway in Energy Storage Systems (ESS). Utilizing FK-5-1-12 Fire Protection Fluid, we can swiftly and efficiently suppress battery fires that may occur due to thermal runaway. Direct injection systems work by spraying clean agent directly into the battery cell. Spraying the affected cell prevents it from spreading to the adjacent cells.

Our pressurized cylinder is equipped with a specialized extended discharge valve. The valve is activated using a supervised solenoid. The valve is connected to the network by an optional flexible discharge hose. Upon system activation, the pressure operating switch notifies the panel that the system has activated. The agent will exit the valve and run through a regulated pipe network.



*Optional Parts