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High Voltage Systems for Liquid Argon Time Projection Chambers

We will identify requirements for High Voltage *(HV) supplies, noise filters, and feedthroughs. Many present solutions have their origins in the ICARUS design. We will present existing and proposed HV systems, mention some solutions for less and more extreme high voltages, and touch on field cage issues and designs. We also discuss grounding and noise issues and how the moving electron current couples into the wires and electronics chains.

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