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High-voltage nanosecond power supply simulation

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The high-voltage nanosecond power supply is required to power the kicker in the injection system of the Hefei Advanced Light Facility (HALF). The amplitude of this power supply is $\geq \pm 10$ kV and its pulse width is about 2 ns. The feasibility of the actual project is theoretically verified by simulation in this paper.

Footnotes

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Primary author: XU, Chunyu (University of Science and Technology of China)

Co-authors: SHANG, Feng-lei (University of Science and Technology of China); SHANG, Lei (University of Science and Technology of China); Dr SONG, Wenbin (University of Science and Technology of China); DING, Xiao (University of Science and Technology of China)

Presenter: XU, Chunyu (University of Science and Technology of China)

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