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A switched-mode power supply (switching-mode power supply, switch-mode power supply, switched power supply, SMPS, or switcher) is an electronic power supply that incorporates a switching regulator to convert electrical power efficiently. Like other power supplies, an SMPS transfers power from a DC or AC source (often mains power) to DC loads, such as a personal computer, while converting ...

Switched-mode power supply - Wikipedia

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Medium

converter topology uses a series of switching devices with low voltage DC sources. ... Currently, there is an increasing interest in multilevel power converters, specially for medium .

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The switching transistors are mounted to aluminum bars that transmit the heat to the outer heat sinks. The power supply is the top board in the AHB2 chassis (shown above). The switching power supply is mounted only 1 inch above the analog amplifier board. A magnetic shielding plate can be seen in the space between the two boards.

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