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Section II of the paper introduces the proposed high frequency variable-load inverter (HFVLI) architecture and provides a derivation of the achievable load range of the idealized system.

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er design results in systems that are often bulky, expensive, and inefficient. This paper presents the design, physical prototype, controller, and experimental results of a high-frequency variable load inve.

Abstract: This paper presents a half bridge inverter circuit capable of providing a wide range of ac output voltages and frequencies. The inverter offers other advantages, such as low snubber power loss, low ...



High-voltage variable frequency inverter

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