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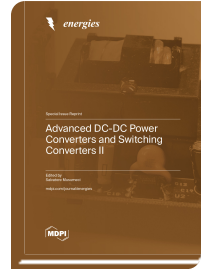
Special Issue Reprint

Advanced DC-DC Power Converters and Switching Converters II

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In the last few years, a strong demand for power converters with improved performance, such as low energy consumption and reduced size, has arisen. Emerging applications, such as e-mobility (traction inverters, DC-DC onboard chargers, DC-DC battery converters, etc.), data center power management (UPS and bus converters), variable speed drives, LV/HV converter interfaces for smart grids, and energy source conversion (renewable switching power converter interfaces, and battery storage converters) drive this improvement scenario. Efficiency and power density are crucial parameters for managing advanced power converter applications. The Special Issue “Advanced DC-DC Power Converters and Switching Converters II” focuses on advanced solutions for switching power converters in the strategic fields of emerging power electronics applications for technological growth. The articles contribute to these fields by describing the innovative solutions in advanced switching converters for energy conversion that are devoted to the use of sustainable technology in modern societal development.



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