



Application and Design of Power Electronics Converters for Electric Vehicle Charging

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Message from the Guest Editor

Dear Colleagues,

The purpose of this Special Issue is to collate innovative research on power electronics solutions for electric vehicle (EV) charging. To address recent breakthroughs in power electronics technology for EV charging, the following characteristics must be explored in depth: high power efficiency, high power density, high reliability, and cost competitive. This Special Issue welcomes the submission of manuscripts for devices, circuits, and control techniques for applications of power electronics converters in EV charging.

The topics of interest include but are not limited to the following:

- Power converter application for EVs (driving, charging, and storage);
- Power semiconductor utilization for EVs (wide bandgap device, driving circuit);
- Power converter design for EVs (multilevel converter, high-frequency converter);
- Power converter control for EVs (charging strategy, system diagnosis).

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Guest Editor





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Message from the Editor-in-Chief

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