Special Issue

Power Processing Systems for Electric Vehicles

Message from the Guest Editors

The electric vehicle (EV) market continues to grow, with over three million EVs on the road worldwide. The International Energy Agency (IEA) forecasts that these numbers will increase to 125 million by 2030. EVs offer increased efficiency and energy savings, reduced emissions (especially when the electricity is being generated from renewable resources), a greater diversity of fuel choices for transportation, and higher performance. This Special Issue focuses on power processing systems for high efficiency, high performance electric vehicles including power electronic converters, electric motor drives, electric machines, control, energy storage, and advanced charging approaches. Your contributions may describe new technologies, modeling, characterization, topologies, control methods, applications and other advancements. We are looking forward to receiving your submissions.

- Electric Vehicles
- Power Electronic Converters
- Drives
- Electric Machines
- Control
- Energy Storage
- Fast Charging

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Deadline for manuscript submissions

closed (18 May 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/19454

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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