

Special Issue

Integration Technology for Large Scale Battery Pack in Mobile and Stationary Applications

Message from the Guest Editor

Battery pack technology for large-scale applications both in mobile and stationary applications has become unusually common and important. Rapid progress in battery material science research and development has played a vital role in the adoption of large-scale battery packs. Additional key factors that contributed to the magnitude of applications are advancements in the battery management systems and the integrated power conversion technology that allows battery packs to operate in a relatively safe margin without compromising the efficiency and performance of the overall system. This Special Issue will collect and disseminate original research or review articles on different techniques for estimating the various states of the battery, particularly for large-scale applications, and power conversion topology that works alongside the battery pack. Thermal management techniques, analysis, and conversion topologies, both from fundamental and application studies, will also be considered.

Guest Editor

Dr. Khay Wai See

Department of superconducting and electronic materials, University of Wollongong, Wollongong 2522, Australia

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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