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

Guest Editor:

Dr. Khay Wai See
Department of superconducting and electronic materials, University of Wollongong, Wollongong 2522, Australia

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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.

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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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