



Advances in Batteries for Medium and Large-Scale Energy Storage: Types and Applications (Woodhead Publishing Series in Energy)

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As energy produced from renewable sources is increasingly integrated into the electricity grid, interest in energy storage technologies for grid stabilisation is growing. This book reviews advances in battery technologies and applications for medium and large-scale energy storage. Chapters address advances in nickel, sodium and lithium-based batteries. Other chapters review other emerging battery technologies such as metal-air batteries and flow batteries. The final section of the book discusses design considerations and applications of batteries in remote locations and for grid-scale storage.

- Reviews advances in battery technologies and applications for medium and large-scale energy storage
- Examines battery types, including zing-based, lithium-air and vanadium redox flow batteries
- Analyses design issues and applications of these technologies

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Editorial Review

Review

"...an exhaustive, academic guide to the many different types of battery chemistries available and how well suited they are to medium and large-scale energy storage." --**Real Power**

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