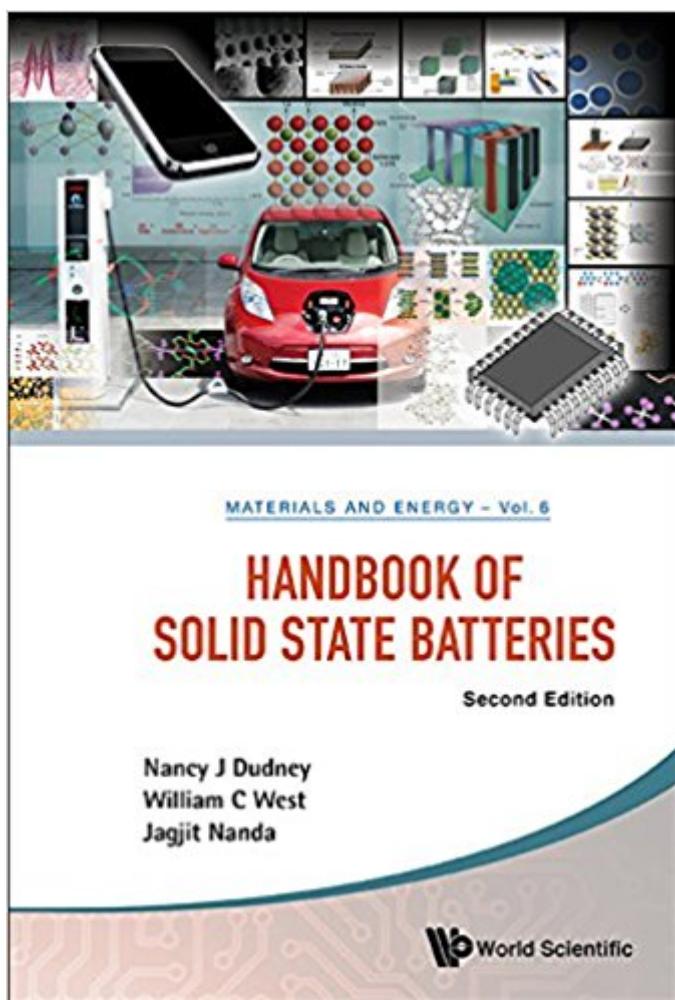


The book was found

# **Handbook Of Solid State Batteries 2nd Edition (Materials And Energy - Volume 6)**



## Synopsis

Solid-state batteries hold the promise of providing energy storage with high volumetric and gravimetric energy densities at high power densities, yet with far less safety issues relative to those associated with conventional liquid or gel-based lithium-ion batteries. Solid-state batteries are envisioned to be useful for a broad spectrum of energy storage applications, including powering automobiles and portable electronic devices, as well as stationary storage and load-leveling of renewably generated energy. This comprehensive handbook covers a wide range of topics related to solid-state batteries, including advanced enabling characterization techniques, fundamentals of solid-state systems, novel solid electrolyte systems, interfaces, cell-level studies, and three-dimensional architectures. It is directed at physicists, chemists, materials scientists, electrochemists, electrical engineers, battery technologists, and evaluators of present and future generations of power sources. This handbook serves as a reference text providing state-of-the-art reviews on solid-state battery technologies, as well as providing insights into likely future developments in the field. It is extensively annotated with comprehensive references useful to the student and practitioners in the field. Readership: Scientists, technologists, and students in the fields of electrochemistry, condensed matter physics, chemistry, and materials science.

## Book Information

Series: Materials and Energy (Book 6)

Hardcover: 836 pages

Publisher: World Scientific Publishing Co; 2 edition (August 25, 2015)

Language: English

ISBN-10: 9814651893

ISBN-13: 978-9814651899

Product Dimensions: 5.9 x 1.9 x 9.1 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,719,725 in Books (See Top 100 in Books) #47 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State #1728 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science #3216 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction

## Customer Reviews

aok

[Download to continue reading...](#)

Handbook of Solid State Batteries 2nd Edition (Materials and Energy - Volume 6) Handbook of Solid State Batteries (Materials and Energy) The Floridas: The Sunshine State \* The Alligator State \* The Everglade State \* The Orange State \* The Flower State \* The Peninsula State \* The Gulf State LITHIUM-ION BATTERIES: SOLID-ELECTROLYTE INTERPHASE Reiki: The Healing Energy of Reiki - Beginnerâ™s Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Introduction to Microelectronic Fabrication: Volume 5 of Modular Series on Solid State Devices (2nd Edition) Li-S and Li-O<sub>2</sub> Batteries with High Specific Energy: Research and Development (SpringerBriefs in Molecular Science) Fatigue of Materials (Cambridge Solid State Science Series) Second Edition Lithium Metal Anodes and Rechargeable Lithium Metal Batteries (Springer Series in Materials Science) Solid State Electrochemistry and Its Applications to Sensors and Electronic Devices (Materials Science Monographs) Advanced Batteries: Materials Science Aspects The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Solid State Physics for Engineering and Materials Science Computational Materials Science: From Ab Initio to Monte Carlo Methods (Springer Series in Solid-State Sciences) Solid-State Physics: An Introduction to Principles of Materials Science (Advanced Texts in Physics (Paperback)) Modern Batteries: An Introduction to Electrochemical Power Sources, 2nd Edition Off Grid Solar: A handbook for Photovoltaics with Lead-Acid or Lithium-Ion batteries Handbook of Solid State Electrochemistry Energy Harvesting: Solar, Wind, and Ocean Energy Conversion Systems (Energy, Power Electronics, and Machines) Renewable Energy Made Easy: Free Energy from Solar, Wind, Hydropower, and Other Alternative Energy Sources

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)