



Linden's Handbook of Batteries, 4th Edition

By Thomas Reddy

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Linden's Handbook of Batteries, 4th Edition By Thomas Reddy

The most complete and up-to-date guide to battery technology and selection

Thoroughly revised throughout, *Linden's Handbook of Batteries*, Fourth Editions provides authoritative coverage of the characteristics, properties, and performance of every major battery type. New information on emerging battery systems and their applications is included in this definitive volume. International experts offer unparalleled technical guidance on using leading-edge technologies, materials, and methods in new designs and products, and selecting the most suitable battery for a particular application. All of the in-depth data you need is contained in this comprehensive resource. The book will be useful to graduate students, battery researchers, applications engineers, and all others interested in the state-of-the-art in battery technology.

***Linden's Handbook of Batteries*, Fourth Edition covers:**

- PRINCIPLES OF OPERATION
- PRIMARY AND SECONDARY BATTERIES
- SPECIALIZED BATTERY SYSTEMS
- FUEL CELLS AND ELECTROCHEMICAL CAPACITORS

Includes new chapters on:

- Battery modeling
- Battery electrolytes
- Lithium-ion batteries
- Battery selection for consumer electronics
- Batteries for electric, hybrid, and plug-in hybrid vehicles
- Batteries for electrical energy storage systems
- Batteries for biomedical applications
- Button cell batteries
- Batteries for military and space applications, including reserve water-activated and reserve military batteries
- Electrochemical capacitors

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Editorial Review

About the Author

Thomas Reddy, Ph.D., a pioneer in the lithium battery field, is an Adjunct Assistant Professor at the Robert Wood Johnson Medical School of the University of Medicine & Dentistry of New Jersey. He previously served as Vice President of Power Conversion Inc., (currently Hawker Electracell, Inc.) and Yardney Technical Products, Inc. He continues to serve as a consultant to Yardney and other organizations.

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