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Nota di contenuto	Front Cover; Battery Reference Book; Copyright Page; Contents; Preface; Acknowledgements; Chapter 1. Introduction to battery technology; Chapter 2. Guidelines to battery selection; Part 1: Battery Characteristics; Chapter 3. Lead-acid secondary batteries; Chapter 4. Nickel batteries; Chapter 5. Silver batteries; Chapter 6. Alkaline manganese batteries; Chapter 7. Carbon-zinc and carbon-zinc chloride primary batteries; Chapter 8. Mercury batteries; Chapter 9. Lithium batteries; Chapter 10. Manganese dioxide-magnesium perchlorate primary batteries Chapter 11. Magnesium-organic electrolyte primary batteries Chapter 12. Metal-air cells; Chapter 13. High-temperature thermally activated primary reserve batteries; Chapter 14. Zinc-halogen secondary batteries; Chapter 15. Sodium-sulphur secondary batteries; Chapter 16. Other fast-ion conducting solid systems; Chapter 17. Water-activated primary batteries; Part 2: Battery theory and design; Chapter 18. Lead-acid secondary batteries; Chapter 19. Nickel batteries; Chapter 20. Silver batteries; Chapter 21. Alkaline manganese batteries; Chapter 22. Carbon-zinc and carbon-zinc chloride batteries

Chapter 23. Mercury-zinc batteries Chapter 24. Lithium batteries;  
Chapter 25. Manganese dioxide-magnesium perchlorate primary  
batteries; Chapter 26. Metal-air batteries; Chapter 27. High-  
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halogen secondary batteries; Chapter 29. Sodium-sulphur secondary  
batteries; Part 3: Battery performance evaluation; Chapter 30. Primary  
batteries; Chapter 31. Secondary batteries; Part 4: Battery Applications;  
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Chapter 35. Alkaline manganese primary batteries Chapter 36. Carbon-  
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Lithium primary batteries; Chapter 39. Manganese dioxide-magnesium  
perchlorate primary batteries; Chapter 40. Metal-air batteries; Chapter  
41. High-temperature thermally activated primary batteries; Chapter  
42. Seawater-activated primary batteries; Chapter 43. Electric vehicle  
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Chapter 46. Voltage-limited taper current charging of alkaline  
manganese dioxide batteries Chapter 47. Constant-current charging;  
Chapter 48. Taper charging of lead-acid motive power batteries;  
Chapter 49. Methods of charging large nickel-cadmium batteries; Part  
6: Battery suppliers; Chapter 50. Lead-acid (secondary) batteries;  
Chapter 51. Nickel batteries; Chapter 52. Silver batteries; Chapter 53.  
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batteries (primary) and carbon-zinc chloride batteries; Chapter 55.  
Mercury batteries; Chapter 56. Lithium batteries  
Chapter 57. Manganese dioxide-magnesium perchlorate (primary)  
batteries

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### Sommario/riassunto

Crompton's Battery Reference Book has become the standard reference source for a wide range of professionals and students involved in designing, manufacturing, and specifying products and systems that use batteries. This book is unique in providing extensive data on specific battery types, manufacturers and suppliers, as well as covering the theory - an aspect of the book which makes an updated edition important for every professional's library. The coverage of different types of battery is fully comprehensive, ranging from minute button cells to large installations weighing several hu

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