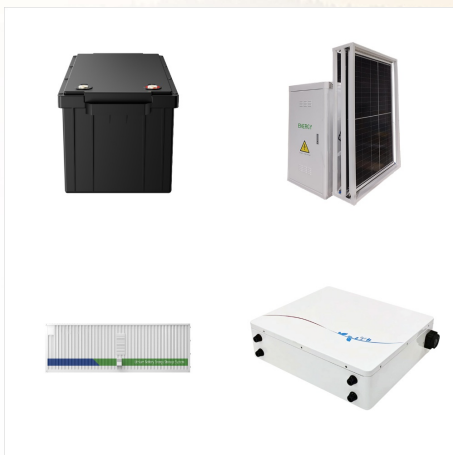




Electrical Power System Basics exposes readers to all of the important aspects of an interconnected power system without assuming a great deal of existing knowledge or experience. Some very basic formulas are presented throughout the book and several examples, photographs, drawings, and illustrations are provided to help the reader gain a



The second edition of Steven W. Blume's bestseller provides a comprehensive treatment of power technology for the non-electrical engineer working in the electric power industry This book aims to give non-electrical professionals a fundamental understanding of large interconnected electrical power systems, better known as the "Power Grid", with regard to ???



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He has more than 25 years" experience teaching electric power system basics to non-electrical professionals. Steve's engineering and operations experience includes generation, transmission, distribution, and electrical safety. He is an active senior member in IEEE and has published two books in power systems through IEEE and Wiley.



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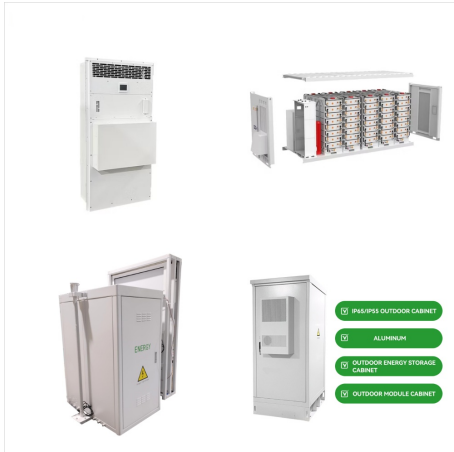


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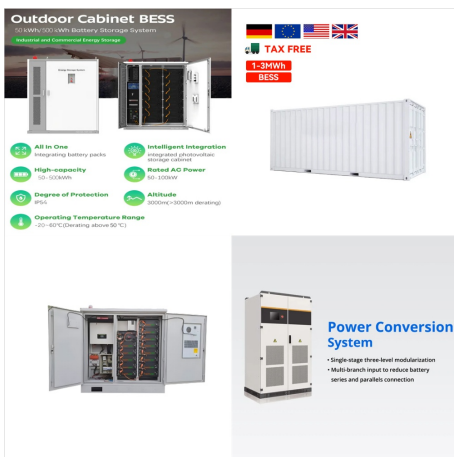


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Steven W. Blume. Imprint Hoboken, N.J. : Wiley-Interscience ; Piscataway, NJ : IEEE Press, c2007. Physical description xiii, 242 p. : ill. ; 24 cm. "Electrical Power System Basics" exposes readers to all of the important aspects of an interconnected power system without assuming a great deal of existing knowledge or experience. Some very



The text begins with an overview of the terminology and basic electrical concepts commonly used in the industry then it examines the generation, transmission and distribution of power. Other ???



Electrical Power System Basics exposes readers to all of the important aspects of an interconnected power system without assuming a great deal of existing knowledge or experience. Volume 32 of IEEE Press Series on Power and Energy Systems: Author: Steven W. Blume: Edition: illustrated: Publisher: John Wiley & Sons, 2007: ISBN: 0470185805

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Preface. Acknowledgments. Chapter 1 System Overview, Terminology, and Basic Concepts. Chapter Objectives. History of Electric Power. System Overview. Terminology and Basic Concepts. Chapter 2 Generation. Chapter Objectives. ac Voltage Generation. The Three-Phase ac Generator. Real-Time Generation. Generator Connections. Wye and Delta Stator ???



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This book explains the essentials of interconnected electric power systems in very basic, practical terms, giving a comprehensible overview of the terminology, electrical concepts, design considerations, construction practices, operational aspects, and industry standards for nontechnical professionals having an interest in the power industry



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Electric Power System Basics for the Nonelectrical Professional, Second Edition, gives business professionals in the industry and entry-level engineers a strong introduction to power ???