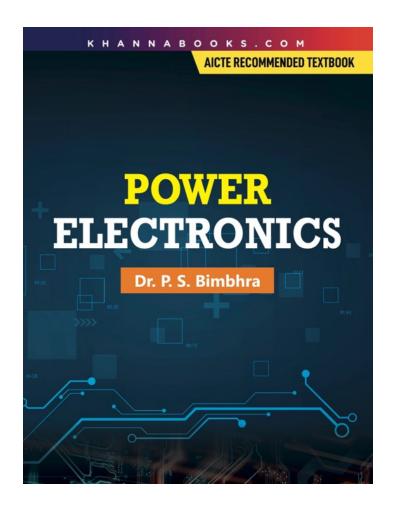
K H A N N A B O O K S . C O M



Power Electronics

Author: P.S. Bimbhra

ISBN 13: 978-81-95123-12-4

ISBN 10: 81-95123-12-0

E-ISBN 13: 978-81-95123-12-4

Edition: Seventh Revised

Pages: 1004

Type of book : Paperback

Weight (g): 1480.00

Year: 2025

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 795.00

Categories: Electrical, Electronics &

Communication Engineering

Condition Type: New

Country Origin: India

Product Description

This book is designed to sever a textbook for the students of engineering studying a course on power Electronics. It provides a lucid and comprehensive treatment of the topics covered in the book. A large number of illustrative figures and a wide variety of worked examples add to the clarity of subject mater. This book would be found suitable as a textbook for the students pursuing courses in the areas of the Electrical, Electronics, Instrumentation, Telecommunications and Mechatronics.



KHANNABOOKS.COM

Table of Contents

Chapter 1: Introduction. Chapter 2: Power Semiconductor Diodes and Diode Circuits. Chapter 3: Diode Rectifiers. Chapter 4: Power Transistors. Chapter 5: Thyristors. Chapter 6: Phase Controlled Rectifiers. Chapter 7: DC Choppers. Chapter 8: Inverters. Chapter 9: AC Voltage Controllers. Chapter 10: Cycloconverters. Chapter 11: Some Applications. Chapter 12: Electric Drives. Chapter 13: Power Factor Improvement. Chapter 14: Switching Mode DC-DC Converters. Chapter 15: Power Supplies. Chapter 16: Flexible AC Transmission Systems. Appendix A: Fourier Analysis. Appendix B: Laplace Transforms. Appendix C: Some Useful Functions. Appendix D: References. Index

Author

Dr. P.S. Bimbhra retired as a professor of Electrical and Electronics Engineering from T.I.E.T. Patiala. A graduate of Punjab Engineering College, Chandigarh, he received his M.E. (Hons.) and Ph.D. from IIT Roorkee. He is fellow of the Institution of Engineers and a life member of ISTE. His areas of current interests include Electrical Machines, Power Electronics and Electric Drives.

