



Madhukar Waware | D. S. More  
Abhay Wagh | Vijay Mohale

## Power Electronics and Its Applications

**Author :** Abhay Wagh

**ISBN 13 :** 978-93-55380-42-5

**ISBN 10 :** 93-55380-42-9

**E-ISBN 13 :** 978-93-55380-42-5

**Edition :** First

**Pages :** 296

**Type of book :** Paperback

**Weight (g) :** 400.00

**Year :** 2022

**Language :** English

**Publisher :** Khanna Publishing House

**Price :** Rs 396.00

**Categories :** [All book, Electrical, Electronics & Communication Engineering, New Arrivals](#)

**Condition Type :** New

**Country Origin :** India



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Product Description

---

Power electronics systems are used in a wide range of applications and have the potential to impact many areas of global industrial and social activity. From cell phones to pacemakers, and utilities to automobiles, power electronics, and the engineering behind those electronics are very influential in peoples' daily lives.

A comprehensive self-contained text book covers principles of Power Electronics and its Applications. It provides a basic approach for the development of fundamental concepts and deep insight into the subject matter. This text book develops the subject matter in a simplified sequential manner. Theoretical explanation is supported by graded solved examples and multiple-choice questions, which have been framed to help the students in grasping the theoretical principles and their applicability with coverage of various topics.

The book meets the requirements of undergraduate and postgraduate students of engineering and also guide for practicing engineer in the area of power electronics. It is also useful for those who are preparing for professional competitive examinations.



---

## Table of Contents

---

Chapter 1: Introduction to power Electronics

Chapter 2: Power Electronic Devices

Chapter 3: AC to DC Converters

Chapter 4: DC to DC Converter

Chapter 5: PWM Inverter

Chapter 6: Resonant Pulse Converter

Chapter 7: Power Quality

Chapter 8 High Power Factor Converters

Chapter 9: Multilevel Inverters

Chapter 10: Active Power Filter

**Appendix**

**Bibliography**

**Index**

---

## Author

---

**Madhukar Waware D. S. More Vijay Mohale Abhay Wagh** </p></div>



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320