



# Shipboard Electrical Power Systems

By Mukund R. Patel

[Download now](#)

[Read Online](#) 

**Shipboard Electrical Power Systems** By Mukund R. Patel

**Shipboard Electrical Power Systems** addresses new developments in this growing field. Focused on the trend toward electrification to power commercial shipping, naval, and passenger vessels, this book helps new or experienced engineers master cutting-edge methods for power system design, control, protection, and economic use of power.

***Provides Basic Transferable Skills for Managing Electrical Power on Ships or on Land***

This groundbreaking book is the first volume of its kind to illustrate optimization of all aspects of shipboard electrical power systems. Applying author Mukund Patel's rare combination of industrial and educational work experiences and insight, it offers solutions to meet the increasing demand for large, fast, efficient, and reconfigurable ships to compete in international markets.

For 30 years, Professor Patel was an engineer for companies including General Electric, Lockheed Martin, and Westinghouse Electric, and in the past 15 years he has been an engineering professor at the U.S. Merchant Marine Academy. That varied experience helped him zero in on the specialized multidimensional knowledge an engineer requires—and that is what sets his book apart.

***Compiles Critical, Hard-to-Find Information on Power System Design, Analysis, and Operation***

The global shortage of power engineers is not deterring countries from heavily investing in construction of new power plants and grids. Consequent growth in university electrical power programs is satisfying the demand for engineers, but

novice graduates require accelerated understanding and practical experience before entering the thriving maritime segment.

Ideal for readers with limited electrical experience, wide-ranging coverage includes power system basics, power generation, electrical machines, power distribution, batteries, and marine industry standards. This book is an invaluable tool for engineers working on ships, as well as in ports, industrial power plants, refineries, and other similar environments.



[Download Shipboard Electrical Power Systems ...pdf](#)



[Read Online Shipboard Electrical Power Systems ...pdf](#)

# Shipboard Electrical Power Systems

*By Mukund R. Patel*

## **Shipboard Electrical Power Systems** By Mukund R. Patel

**Shipboard Electrical Power Systems** addresses new developments in this growing field. Focused on the trend toward electrification to power commercial shipping, naval, and passenger vessels, this book helps new or experienced engineers master cutting-edge methods for power system design, control, protection, and economic use of power.

### ***Provides Basic Transferable Skills for Managing Electrical Power on Ships or on Land***

This groundbreaking book is the first volume of its kind to illustrate optimization of all aspects of shipboard electrical power systems. Applying author Mukund Patel's rare combination of industrial and educational work experiences and insight, it offers solutions to meet the increasing demand for large, fast, efficient, and reconfigurable ships to compete in international markets.

For 30 years, Professor Patel was an engineer for companies including General Electric, Lockheed Martin, and Westinghouse Electric, and in the past 15 years he has been an engineering professor at the U.S. Merchant Marine Academy. That varied experience helped him zero in on the specialized multidimensional knowledge an engineer requires—and that is what sets his book apart.

### ***Compiles Critical, Hard-to-Find Information on Power System Design, Analysis, and Operation***

The global shortage of power engineers is not deterring countries from heavily investing in construction of new power plants and grids. Consequent growth in university electrical power programs is satisfying the demand for engineers, but novice graduates require accelerated understanding and practical experience before entering the thriving maritime segment.

Ideal for readers with limited electrical experience, wide-ranging coverage includes power system basics, power generation, electrical machines, power distribution, batteries, and marine industry standards. This book is an invaluable tool for engineers working on ships, as well as in ports, industrial power plants, refineries, and other similar environments.

## **Shipboard Electrical Power Systems By Mukund R. Patel Bibliography**

- Rank: #1898684 in eBooks
- Published on: 2016-04-19
- Released on: 2016-04-19
- Format: Kindle eBook

 [Download Shipboard Electrical Power Systems ...pdf](#)

 [Read Online Shipboard Electrical Power Systems ...pdf](#)

## **Editorial Review**

### **About the Author**

**Mukund R. Patel, Ph.D., P.E.**, is a professor of engineering at the U.S. Merchant Marine Academy in Kings Point, New York, USA. He has about 50 years of hands-on involvement in research, development, and design of the state-of-the-art electrical power equipment and systems. He has held positions including: principal engineer at General Electric, fellow engineer at the Westinghouse Research & Development Center, senior staff engineer at Lockheed Martin Corporation, and development manager at Bharat Bijlee (Siemens) Limited. Dr. Patel obtained his Ph.D. degree in Electric Power Engineering from the Rensselaer Polytechnic Institute, Troy, New York, and his M.S. in Engineering Management from the University of Pittsburgh. He also received an M.E. in Electrical Machine Design from Gujarat University, and a B.E. from Sardar University, India.

## **Users Review**

### **From reader reviews:**

#### **Roxie Jenkins:**

Shipboard Electrical Power Systems can be one of your nice books that are good idea. We all recommend that straight away because this book has good vocabulary which could increase your knowledge in terminology, easy to understand, bit entertaining but delivering the information. The copy writer giving his/her effort to place every word into pleasure arrangement in writing Shipboard Electrical Power Systems although doesn't forget the main stage, giving the reader the hottest in addition to based confirm resource facts that maybe you can be one among it. This great information could drawn you into completely new stage of crucial contemplating.

#### **Christopher Hardnett:**

This Shipboard Electrical Power Systems is fresh way for you who has fascination to look for some information because it relief your hunger details. Getting deeper you onto it getting knowledge more you know or else you who still having little bit of digest in reading this Shipboard Electrical Power Systems can be the light food for yourself because the information inside this particular book is easy to get by anyone. These books create itself in the form that is certainly reachable by anyone, that's why I mean in the e-book web form. People who think that in publication form make them feel drowsy even dizzy this guide is the answer. So there isn't any in reading a reserve especially this one. You can find actually looking for. It should be here for you actually. So , don't miss the idea! Just read this e-book sort for your better life and knowledge.

#### **Andrew Leavens:**

Do you like reading a publication? Confuse to looking for your chosen book? Or your book had been rare?

Why so many query for the book? But just about any people feel that they enjoy intended for reading. Some people likes reading, not only science book and also novel and Shipboard Electrical Power Systems or even others sources were given information for you. After you know how the truly great a book, you feel wish to read more and more. Science guide was created for teacher or students especially. Those textbooks are helping them to increase their knowledge. In additional case, beside science guide, any other book likes Shipboard Electrical Power Systems to make your spare time far more colorful. Many types of book like here.

**David Reed:**

What is your hobby? Have you heard that will question when you got college students? We believe that that problem was given by teacher to their students. Many kinds of hobby, Every person has different hobby. Therefore you know that little person including reading or as reading through become their hobby. You must know that reading is very important along with book as to be the issue. Book is important thing to add you knowledge, except your current teacher or lecturer. You discover good news or update concerning something by book. Amount types of books that can you take to be your object. One of them is this Shipboard Electrical Power Systems.

**Download and Read Online Shipboard Electrical Power Systems By  
Mukund R. Patel #MT3V6I9D5N4**

# **Read Shipboard Electrical Power Systems By Mukund R. Patel for online ebook**

Shipboard Electrical Power Systems By Mukund R. Patel Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Shipboard Electrical Power Systems By Mukund R. Patel books to read online.

**Online Shipboard Electrical Power Systems By Mukund R. Patel ebook PDF download**

**Shipboard Electrical Power Systems By Mukund R. Patel Doc**

**Shipboard Electrical Power Systems By Mukund R. Patel MobiPocket**

**Shipboard Electrical Power Systems By Mukund R. Patel EPub**

**MT3V6I9D5N4: Shipboard Electrical Power Systems By Mukund R. Patel**