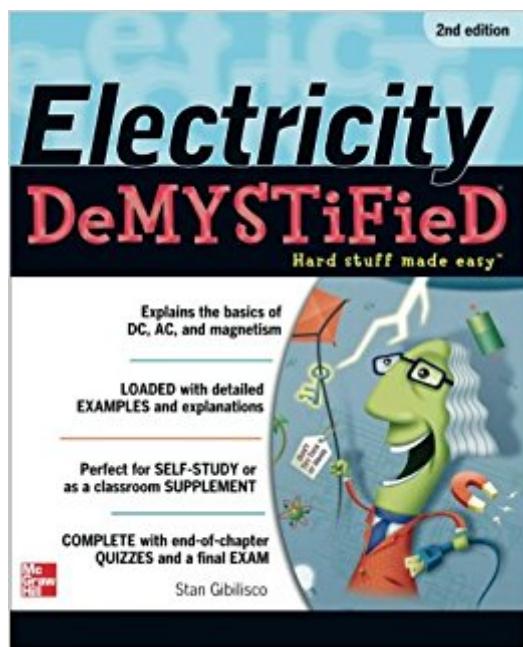


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# Electricity Demystified, Second Edition



## Synopsis

Add some SPARK to your study of ELECTRICITY Having trouble understanding the fundamentals of electricity? Problem solved! Electricity Demystified, Second Edition, makes it shockingly easy to learn the basic concepts. Written in a step-by-step format, this practical guide begins by covering direct current (DC), voltage, resistance, circuits, cells, and batteries. The book goes on to discuss alternating current (AC), power supplies, wire, and cable. Magnetism and electromagnetic effects are also addressed. Detailed examples and concise explanations make it easy to understand the material. End-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll learn about: Ohm's Law, power, and energy Kirchhoff's Laws Electrochemical energy Electricity in the home Protecting electronic equipment Electromagnetic interference Practical magnetism Simple enough for a beginner, but challenging enough for an advanced student, Electricity Demystified, Second Edition, powers up your understanding of this essential subject.

## Book Information

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## Customer Reviews

Stan Gibilisco has authored or co-authored more than 50 nonfiction books in the fields of electronics, general science, mathematics, and computing. He has worked as a technical writer in industry, as a shortwave radio broadcast station technician, as a radio-frequency design engineer, and as a magazine editor. One of Stan's books, the *Encyclopedia of Electronics* (TAB Books, 1985), was named by the American Library Association (ALA) in its list of "Best References

of the 1980s." Another of his books, the McGraw-Hill Encyclopedia of Personal Computing (McGraw-Hill, 1995), was named as a "Best Reference of 1996" by the ALA. Stan is considered the "father" of the DeMYSTiFieD series.

Great book, but written for people with decent electrical knowledge and wanting to step it up. Not for the total beginner, or written as an "electricity primer".

This book was and continues to be exactly what I hoped it would be. It's a clear and well-worded explanation of electricity. It's a force that's so important to our daily lives, yet (I suspect) most of us have only a vague notion about it, flickering images of half-remembered school text books. I wanted to know more about it just for my own information, not in order to augment my professional life but just to keep me up-to-date with reality. Electricity DeMYSTiFieD is helping me to get there.

I have worked on 4 or 5 books on basic electricity now and this one was the first one that hasn't put me to sleep, and it's the one I have learned the most from.

Great reference book!!!

basic workings of electricity simplified

Great book for people who want or need some basic understanding of electricity.

This was a hard read for me which I still go back to but presents subjects in an understandable way

Clear and well explained.

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