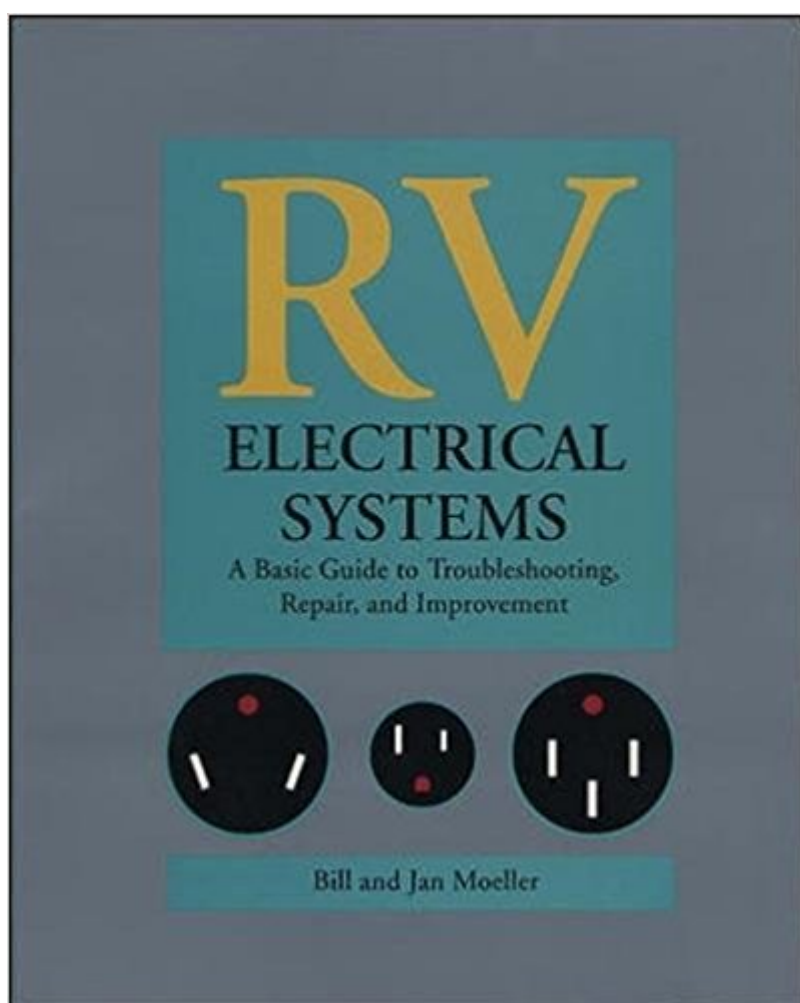


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# RV Electrical Systems: A Basic Guide To Troubleshooting, Repairing And Improvement



## Synopsis

This problem-solving reference answers questions such as, "Why do interior lights dim or burn out rapidly" and "Why won't the batteries recharge after a night without electricity?"

## Book Information

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## Customer Reviews

For RVers who remain mystified by their RV's electrical systems--120-volt alternating current (AC) and 12-volt direct current (DC)--this book is a godsend. It provides a better understanding of what electricity is and what it does. This problem-solving reference answers questions such as: "Why do interior lights dim or burn out rapidly?" and, "Why won't the batteries recharge after a night without electricity?" It tells you how to repair and improve electrical systems; how to troubleshoot faulty brakes, taillights, and "house" circuits; how to detect dangerous shorts, faulty grounds, inadequate connections, malfunctioning switches, dead battery cells, or current leakage; and much more. This book could save your vacation, or even your life. All you need to know about RV electricity, including: How to safely use a campground hookup. How to increase battery charging efficiency. How to take the pulse of your AC and DC electrical systems. How to recognize and correct dangerous wiring practices. How to troubleshoot electrical problems of all types. How to upgrade your RV from fuses to circuit breakers. How to calculate your electrical needs and upgrade your system to meet them. How to select the most effective components--batteries, alternator, regulator, coverter, charger, generator, solar panels. How to recognize phantom electrical loads that can drain your batteries.

Bill and Jan Moeller have lived a mobile lifestyle for more than 20 years, during which they have had much experience overcoming problems with and upgrading their 12- and 120-volt electrical systems. At present, as they have done for many years, the Moellers live fulltime in their fifth-wheel trailer and travel the year round. In addition to writing books, including *RVing Basics* (Ragged Mountain Press, 1995), the Moellers also write a nationally syndicated newspaper column about RVing.

I am building a teardrop trailer and decided to do some of the electrical work myself. But first I need some help understanding a 12 volt system. That's why I purchased this book. Excellent book. I was a neophyte regarding electricity, batteries, 12v sys vrs a120 volt system. After reading this book I began to understand what electrical wiring and battery operation is all about. A great reference book because I can't absorb it all at one time

I am an RV technician, and I LOVE this book. It truly goes into areas that a technician often doesn't have the time to explore. It exploits typical weaknesses within electrical systems and their mods to fix them. The section on alternators is top notch. It's a little bit like the gravy a technician only gets by talking shop with someone who's been at it for 35 years. For the average RV user... if you have any desire to learn the electrical system, rest assured - this is what you want. It's twice or three times the book I bargained for, and the knowledge within it goes above the calling of it's title. RV's are not always made with the end user in mind, and not only does this book help you learn (or confirm) the ins and outs of RV electrics, but it teaches you how to IMPROVE those systems, big time. I might add, as a technician speaking here... I'm also talking about very expensive RV's at times. They don't always build things like they should, at any price tag, and the author of this book is beyond expert in his understanding of that concept.

I've used this to diagnose numerous issues. Good reference.

Even if you don't work on your own rig, at least learn how how it works. Many tricks and tips that you can use right away. Has recommendations to find parts and accessories that work and where to find them. Good explanations how systems work ac and dc circuits. Worth buying.

Too old a book with too many old explanations and illustrations. A re-write or update is definitely in

order.

I'm new to RV'ing and wanted something to understand the electrical systems, particularly in troubleshooting any issues, and hopefully to help me determine if the problem was something simple that I could deal with, or something I should pass on to the professionals....and in that case, to understand if I was getting the run-around from a repair shop. So far this book has helped me in all respects. It starts off with basic electronics....what constitutes a circuit...differences between 12v DC, 120V AC, amperage loading, etc. Very good foundation. I have repaired some simple problems with my 12V system. So far I've had help with two 120V AC issues I passed on to professionals. I'm not sure this book is for everyone, but my guess is the only folks seeking this type of book would have a good foundation for self help and the theory behind circuits.

This was a very helpful book to read, but would not call it basic. It went deeply into theory to help those that do not understand electricity and the difference between AC and DC current. I recommend this book for anyone that will be trying to make their own repairs.

Lots of good information for me, though this version is several years old.

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