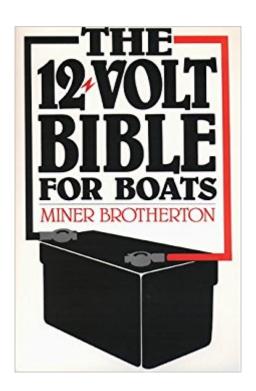


## The book was found

# **The 12-Volt Bible For Boats**





### **Synopsis**

A primer on 12-volt electrical systems for boatowners who are not skilled electricians. Explains how 12-volt DC electrical systems work, how to maintain them, how to recognize an electrical problem, how to trouble-shoot to locate the problem, and what simple tools and techniques you'll need to fix it. --This text refers to an alternate Paperback edition.

#### **Book Information**

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#### **Customer Reviews**

"A gentle journey through the complexities of electrical circuitry... -- Small Boat Journal"It's the best value and has stood the test of time." -- Offshore -- This text refers to an alternate Paperback edition.

A How-To Classic The 12-Volt Bible for Boats is a complete introduction to the 12-volt electrical systems used on small boats to power everything from reading lights to bilge pumps. Written for boaters who are not skilled electricians, it clearly explains how 12-volt systems work and how to install, maintain, and troubleshoot them. This second edition has been thoroughly updated to include the latest on marine batteries--including AGM and gel-cell batteries, multistage chargers, inverters, new wiring conventions, alternative energy sources, and modern test gear. "A nuts-and-bolts primer for boatowners."--Cruising World "Every boat with a 12-volt system needs this book on board."--Atlanta-Journal Constitution "A gentle journey through the complexities of electrical circuitry."--Small Boat Journal "This bible is as basic to boat electrical systems as the 10 commandments are to moral behaivor. It does not get any more fundamental than this."--Dockside NW --This text refers to an alternate Paperback edition.

I bought this book about 6 months ago to learn how to wire my old 35 year boat properly. It deals a lot with theory, and how DC current works. Not a great deal with adding terminals, routing wires etc. It explains in good detail on what size wire to use for what application, such as lights or windless depending on power consumption. This is one of the books strong points. I was disappointed with the book, for what I was looking for. I find the Time Life Books much better for practical use. I haven't opened the book since I read throw it the first time and have donated it to a local leading library. I may review the book again for some of it's technical points, so it is worth having in your library if you plan to have more than one book on DC current

This comprehensive review of boat batteries is quite useful beginning with the basics of electricity including Ohms Law etc. There is an entire chapter on charging batteries and the basic electricity behind lighting systems and circuits is carefully analyzed. Bear in mind that the writer and published are English so when he mentions a torch we in the west think of a flashlight. A few other little details like that are amusing but easily accommodated. I suppose my quibble is that I found the discussion on boat vs automotive batteries to be a little confusing when that topic should be discussed at greater length. There are 194 pages that contain many diagrams and photographs. I do recommend the book and especially appreciate it for covering the topic at a very elementary level yet adding to the complexity as you go along so that it may be of use to more advanced boating enthusiasts.

This is a good book, but it was written in 1985 and revised in 2003. Though many things hold true, technology has advanced quite rapidly meaning the publisher should consider more frequent revisions. From a 2013 perspective the chapter on solar power could probably use some expansion. LED lights, and newer type batteries may be worth a mention, and though probably not 12V, it would be great to expand the book by adding a chapter on electric propulsion, which at this point is completely ignored.

I bought this book hoping to learn more about Boat batteries but it did not deliver... It does review the basics of electricity, batteries wiring etc and I found a lot of information to be very educative and interesting but the book overall did not answer the most important questions:1. the 20h battery power was mentioned perhaps once or twice. This is the most important point when it comes to boat power... What does it mean is not enough.. I wanted to know how to calculate the consumption of the various elements.. can i keep the radar on while on battery and for how long? etc...etc...2. How

to charge a battery, how to pick an alternator. Again nothing.3. What batteries to choose for a sailboat, depending on length equipment etc.. What is the difference between the house batteries, windlass battery and starter battery... All these points were missed. So in other terms the title is misleading and the book is far from being a bible!!! It should be a 5\$ book that you read in one day and discard.. this is not a reference..

Purchased this for a friend think it would help him with wiring problems on his boat. I guess my friend can't read.

This book starts off with the very basics and builds upon them in great detail. This is a very well rounded and organized book. The author structures this book correctly and has given detailed feedback based upon his experience(s). This is a great book if you are building your own boat and can methodically organize your wiring system the correct way. If you have bought a boat and have to dig into the wiring system, this will give you the principles on how to find and fix the very common issues. I recommend this for anyone to have in their collection.

Anyone who can write a book about 12 volt battery systems on your boat and sell over 100,000 copies must be doing something right. This book is a clear, not-to-technical introduction to the 12-volt electrical systems, modern batteries, your boat's breaker and panel design, alternative energy sources, and most importantly, troubleshooting electrical equipment.

This book provides an excellent guide for any boat owner who wants to understand his boat's wiring and be able to maintain or improve it's condition and reliability. It is written in very basic terms which should be relatively easy for an electrical "novice" to follow, but includes information and advice that is valuable to even electrical experts. (I am a retired Electrical Engineeer, but still found much of the material both interesting, useful and elightening.)

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