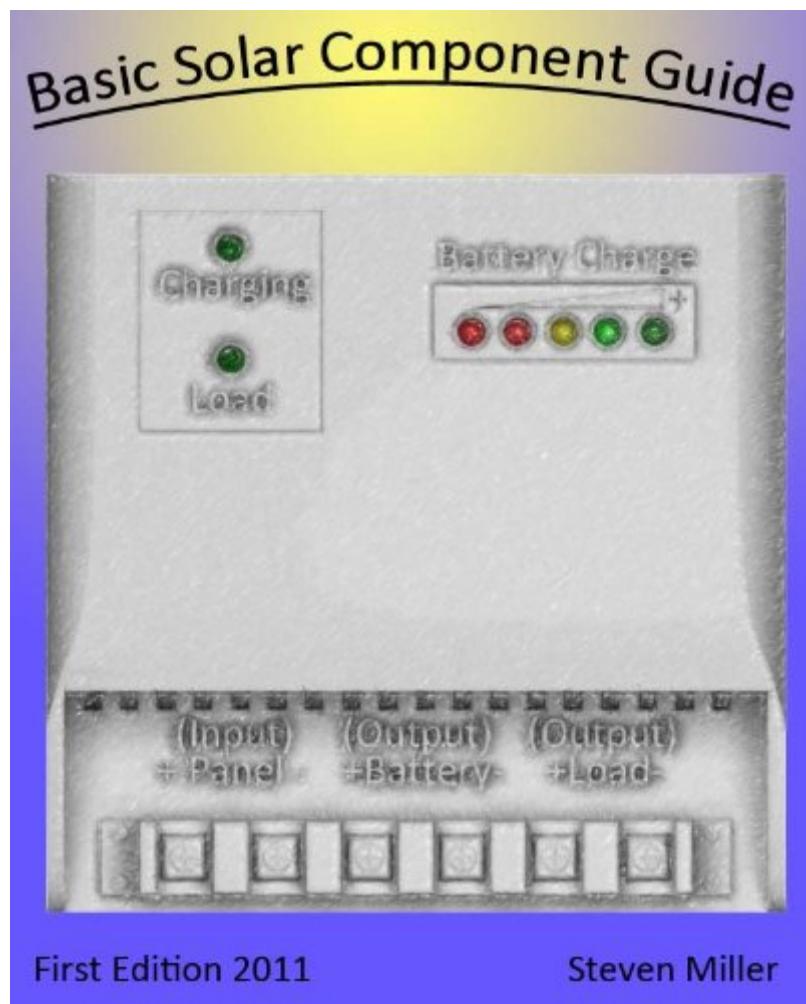


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# Basic Solar Component Guide



## **Synopsis**

If you want to learn about the basics of solar panels and the components that work with them, then this guide is for you. The information contained in this guide is from my own experience with setting up a basic solar system. It covers the basics of the solar panels, batteries, inverters, charge controllers, wire gauge and formulas.

## **Book Information**

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## **Customer Reviews**

I bought this on Kindle, late one night because I have been working on a very small "pet project" solar kit system. I am an installer by profession so I love to work on my project in my spare time. It is very relaxing, and I am picking up a whole new skill set as I work on my project, slowly putting everything together. I haven't worked on the DC side of a system since I was a kid, putting together and wiring up a homemade Aurora AFX racetrack, complete with my little lifelike street lamps, and artificial grass glued on, etc. etc. My point being that I always make sure to read up a lot on anything before trying to do it myself. Especially when it involves Live Current! The DC side of a solar system feels counterintuitive to me as on the AC side, the Black wire is the Hot wire! On the DC side it is the Ground wire.... This is a small book, and it is very informative. The author keeps close to the most

essential basics, and brings a very refreshingly concise yet thorough description of pretty much every component that ya would need to assemble your own small solar project. He also describes what I need to look for in each needed component. So, I use it as an often checked guidebook that helps me keep the priorities straight, especially when I have been reading long, over complicated books describing solar projects down to the individual health of each silicon cell used in my solar panel.... Or solar module as the correct terminology goes...LoL!

I'm interested in putting together a small solar setup to run lights in my barn. The book is well laid out, nicely illustrated and is a good little primer on what is needed for a simple solar set up like I'm planning or even a bigger off-grid cabin project. If you're handy and have some experience with electricity, there's enough detail to help design a small solar power setup. No brand names of what to buy but good solid info on the what and why of the gear you'll need. This DOES NOT cover grid-tie systems. If you want a grid-tie, you'll need to work with your local electric company and hire a professional electrician to do the install. The power companies have good reasons to be nit-picky about the power flowing IN to their grid. Yeah, you could sift through dozens of YouTube videos and assorted web sites and find this info but the time you save is worth much more than 99 cents. And after reading it, you'll be able to search smarter. I would have liked info on a combo wind & solar setup. Maybe the author will add it in a 2nd edition or write another e-book on that subject.

As the title suggests: Basic information was given. That leaves you wanting to know more, for example: type of solar panels, makes of charger controller etc... Internet search COULD answer many of my unanswered questions. But this .99\$ Kindle book gives me enough confidence to start a small project: a 50-watt panel-system enough to maintain couple of batteries for emergency lights and for cell phone recharging. I would recommend buying this book as a first approach to setting your own system.

This gives a general outlook on solar panel setup to the noobs, which I am, even though I did buy another book along with this one, which I'll be reading up next, this books is good for the 30 minutes it takes to finish it off. 4 stars, for that illustrations and photos could have been much better quality than supplied, satisfied for the money I paid.

Having read one book on this topic already I would like to see in one of the basic books where they went to get the supplies to build one or web sites. This is a great book for starting out and he offers

good and sound advice. If you are new to the topic then I strongly recommend this book if You are not then you may want to buy another book.

Fortunately I was married to an engineer for 31 years. My eyes did start glazing over quickly. This book did show me a bit more about shopping for the components needed to start a small solar system for my fans in the barn. I really would rather have diagrams of components for a small, medium, large systems to get me started than all the technical dialogue.

This is a very simple guide explaining the different basic components of a solar electrical system. It describes each component and how it works. Very basic; very clear with the electrical equations to figure out what the system will do. As presented, everything is very understandable. I'm very glad I have it!

I need instructions a first reader could follow. On the otherhand it has been helpful when friends read it that know less than I do. They quit thinking of me as a dummy and now see I'm learning and one even said brave to try to learn.

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