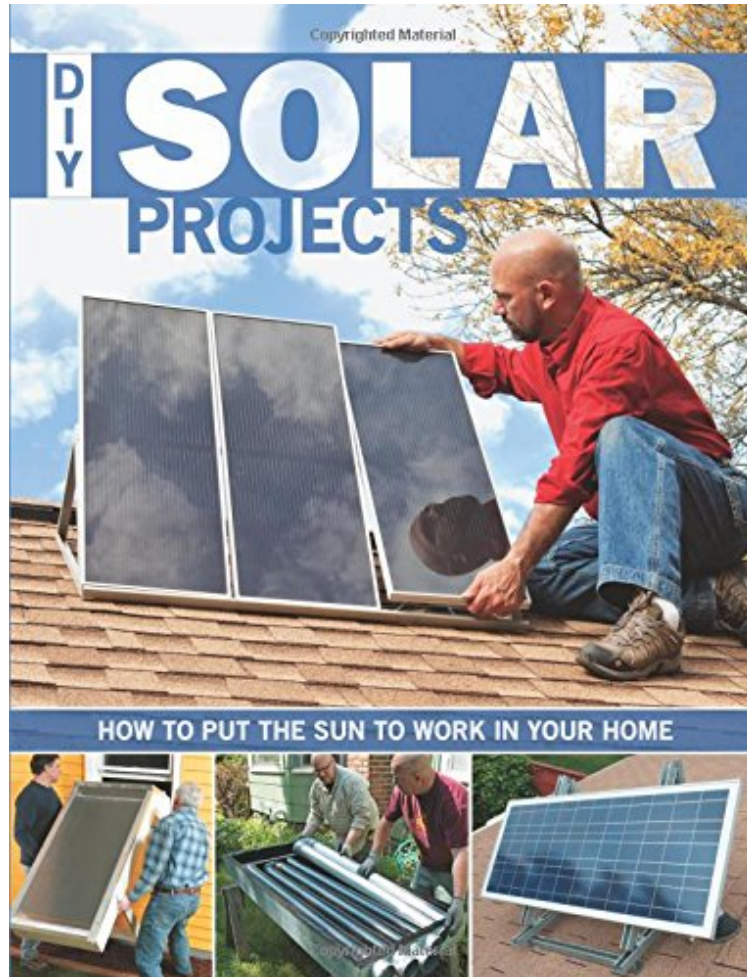


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DIY Solar Projects

Eric Smith

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#360882 in Books Smith, Eric 2011-10-01 2011-10-01 Original language: English PDF # 1 10.88 x .50 x 8.251, 1.54 #File Name: 1589236033160 pages | File size: 42.Mb

Eric Smith : DIY Solar Projects before purchasing it in order to gauge whether or not it would be worth my time, and all praised DIY Solar Projects:

13 of 13 people found the following review helpful. Good place to start, even better when you add your own twist. By Larry Davis This book is well done, featuring quality images for do it yourself projects, as well as specific materials used, measurements, etc. Most of this book is the basic projects you learn in a high school science class - however it gives it a fresh look and feel to coordinate with most home owners that are interested in saving money. I would like to point out that the author does a VERY good job of building these projects on a tight budget. Most of the things he builds are constructed from plywood, basic plexi glass, paints, caulking, etc. that you find at almost any home improvement warehouse. Personally, I would not spend the time, effort or money building these projects that will be going on my house (to hopefully remain there for the next twenty + years..) out of such cheap materials. With that being said - any basic carpenter/welder with tools can convert these projects (built from plywood) into aluminum, steel

or composite cabinets. A few more dollars invested in the begging is money well spent over the course of many years. Trust me, if you build a solar collector out of basic CDX plywood, paint it black and attach to your roof, you will be regretting it in 3-5 years when the wood is splitting, peeling and the unit doesn't even work anymore because it produces more cold air than warm. With any solar collector, warm air in a small enclosed cabinet on cold morning makes condensation. These cabinets are all made of wood.. you see where I am going with this. Overall, this book is a great read, and fun to get a layout of projects in your mind. The author definitely knows what he is talking about. It is just aimed for a little bit more of a budget oriented builder. 36 of 39 people found the following review helpful.

Excellent image to word book
By dasiygmjI am impressed with this book. The photos work as visual instructions, material lists, projects and sraight DIY Solar Project book. I would highly recommend that you purchase "Solar Electricity Handbook 2012 Edition" by: Michael Boxwell to go along with this book. If you have these two books, you will be unstoppable in your Solar Power Projects and Knowledge. This book tells you specifically what you need for the projects included in it, but knowing the actual How does it do that is not to important for those specific projects, but if you need to make adjustments, what is safe, why you need to do it a certain way, how much solar power is needed and making changes to those projects will leave you scatching your head and with fear unless you have the other book. Safety is extremely important, producing enough energy for your project to work correctly and knowing why to much energy can damage your project will keep you from altering these projects unless you have the other book. These are both worthy of your money and both worth every dime. 0 of 0 people found the following review helpful. terrible for the off grid seeker
By Albert Noel Millerno information on how to anywhere in this book

Advances in solar technology have made many DIY-friendly products available to consumers, several of which will be hitting the market for the first time in 2011. These include solar water heaters, solar battery charging stations, solar powered lights, photovoltaic shingles that provide supplementary electricity, solar heat pumps, and solar panel kits that generate primary home electrical service. Among the step-by-step projects is a solar water heating system you can build and install yourself for under \$1000; simple thermosyphon solar heat collectors for barns and outbuildings; or "heat grabbers" that you can fabricate for \$50 in materials and position below a south-facing window to provide auxiliary winter heat.

"In DIY Solar Projects, he demonstrates how solar cookers, hotwater heaters, hotair collectors and more can be constructed and mounted using ordinary materials. You can start with a small system to power a cellphone, and work up to offgrid systems for small cabins. Clear, stepbystep instructions, a glossary and informative photographs are helpful. If you're curious about undertaking solar projects, this book is an excellent resource." -The Plain Dealer (Cleveland, OH)