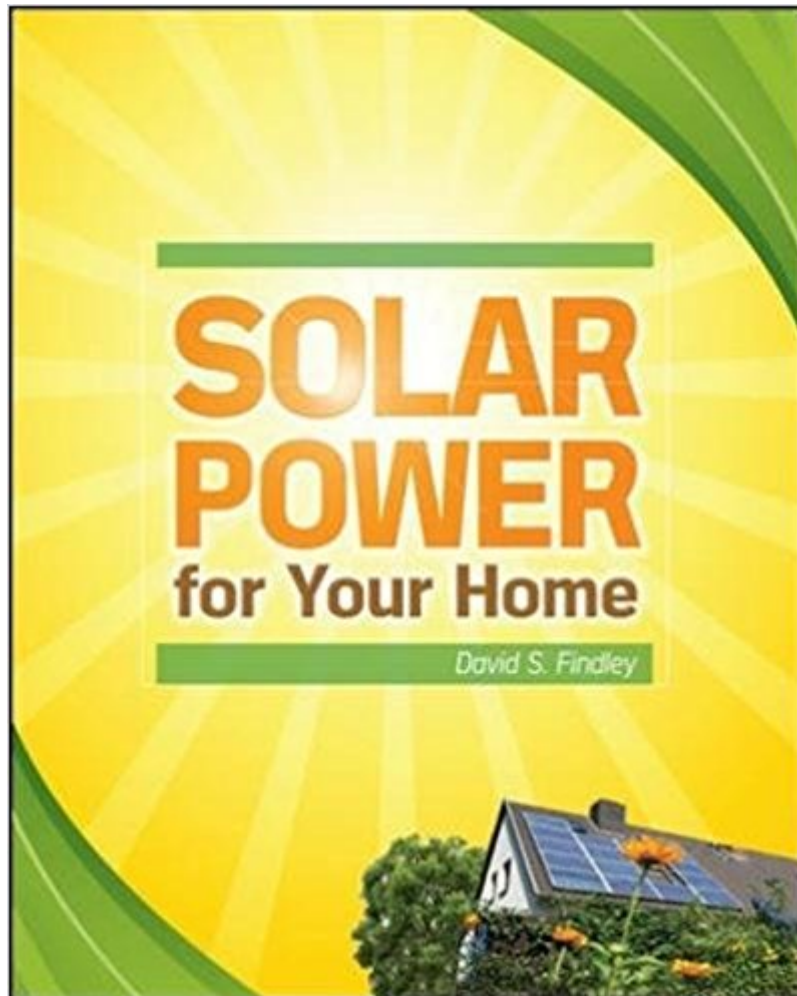




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Solar Power For Your Home (Green Guru Guides)



Synopsis

Easy, inexpensive, do-it-yourself solar energy projects Featuring step-by-step instructions and useful photos and illustrations, this hands-on guide is filled with solar energy solutions you can put to use right away. Solar Power for Your Home shows you how to set up a variety of simple, money-saving solar projects quickly and easily, such as a solar water heater, a solar pool pump, solar lighting, a solar oven--and even a solar-powered lawn mower! Learn all about the different types of solar technologies, including passive solar and photovoltaic, and determine which best suits your projects. You'll get details on assessing current energy use in your home, estimating the costs of solar installations, and calculating your overall savings. Reduce your carbon footprint--and your energy costs--with help from this practical resource. Solar Power for Your Home covers:

- History, benefits, and potential detriments of solar energy
- Fundamentals of solar technologies--passive solar, photovoltaic, concentrating solar energy, and more
- Evaluating home electricity consumption
- Creating a personal energy plan
- How and when to contract your solar project
- Emerging technologies--thin film, nano, and hybrid solar and solar storage
- Funding options including rebates, incentives, and grants
- Standards, conversions, and helpful resources

Book Information

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Customer Reviews

David S. Findley is an assistant professor at Farmingdale State College and the owner of Synergy

New Technology, a not-for-profit green technology solution provider. He has overseen the development of a green engineering sciences curriculum. Findley is currently working on a Discovery Channel television program from the Automotive Technology Department.

I gave it 4 stars because it is a very good introduction into a plethora of solar technologies. Some of which, I wasn't even familiar with myself and I've been researching this subject for about 7 years now. I have more studying to do ;) But, while the author did get into the theory behind WHY things work, it was fairly light on the HOW it all comes together. I'm familiar with Ohms Law, Inverters, Charging Controllers, Passive/Active Water Heating systems, etc... What I was looking for was an authoritative guide on best practice design and implementation of these systems. Maybe I'm being a little too critical but I feel as if the book was a great theoretical overview, but very poor tested design reference. Hence the 4 stars.

NICE BOOK

An amazing primer book on solar. A lot of extra detail but great for training to solar.

Thank you for your work in Solar Photovoltaic Renewable Power the future power of this world and beyond now! As author of Solar Independent Utility Systems Manual I endorse all solar authors as solar is dependable & useful for all mankind! Thank you !!

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