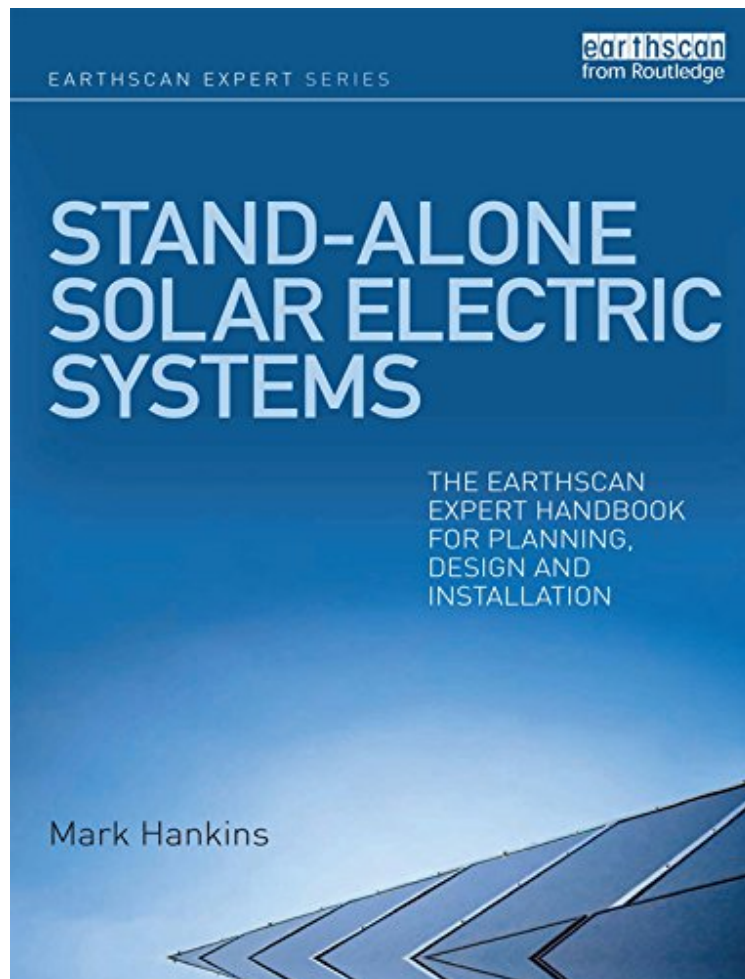


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Stand-alone Solar Electric Systems: The Earthscan Expert Handbook for Planning, Design and Installation

Mark Hankins

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Mark Hankins : Stand-alone Solar Electric Systems: The Earthscan Expert Handbook for Planning, Design and Installation before purchasing it in order to gage whether or not it would be worth my time, and all praised Stand-alone Solar Electric Systems: The Earthscan Expert Handbook for Planning, Design and Installation:

2 of 2 people found the following review helpful. Good but not as much depth as desiredBy David MencilThis is a good book for someone brand new to solar and considering having an off-grid system installed.I bought this for a work project to learn more about solar setups for off-grid use and I was a bit disappointed it was not very technical. My background is Mechanical Engineering, not electrical so I wanted something not too technical that I can't understand it, but detailed enough to be able to use as a reference book.It still contained a lot of good introductory information - but I had it read in a weekend and doubt I will really refer back to it much for anything. I'll likely look for a more

advanced text to get what I was hoping for. Specifically, I wanted more detail on charge controllers and inverters, which I found a bit lacking for my needs. But, yes, I would highly recommend this to someone brand new to solar power. 2 of 3 people found the following review helpful. For Professionals Do not Buy this book By Hany Ashour Khalil This book is a very simple paper for small users and not for professionals I do not recommend it at all 1 of 1 people found the following review helpful. The handbook for PV in developing countries By Maurice This book is a classic. And at this price a steal. The author has lived and worked in Africa for decades, so this is practical advice based on experience for anyone looking to do PV in developing countries.

One of the best ways to get power to remote, off-grid locations, whether in developed or developing countries, is through the use of solar electric systems. This practical guide describes how to plan, design and install solar electric systems in a manner that is hands-on, graphic and technically complete. Highly illustrated chapters cover: solar energy basics components of solar electric systems (modules, batteries, regulators, inverters and appliances) installation practice on planning and servicing systems water pumping refrigeration village electrification. This is the must-have guide for electric technicians and designers, development workers, and anyone who wants to install their own off-grid system.