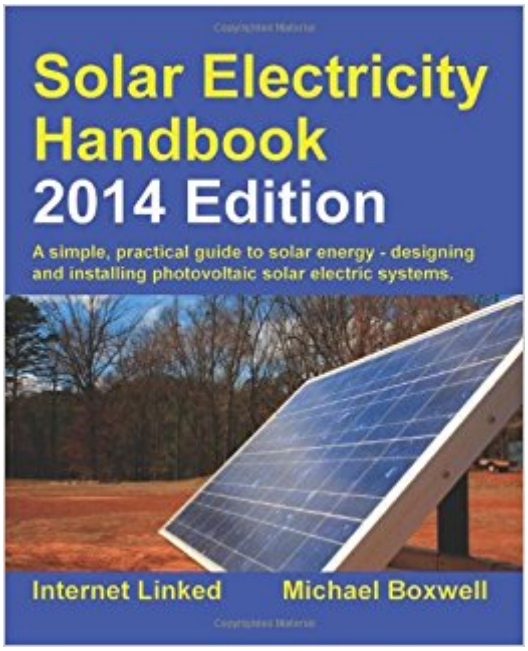
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Solar Electricity Handbook - 2014 Edition: A Simple Practical Guide To Solar Energy - Designing And Installing Photovoltaic Solar Electric Systems



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Synopsis

Solar electricity is a wonderful concept. Take free power from the sun and use it to power electrical equipment. No ongoing electricity bills, no reliance on an electricity socket. 'Free' electricity that does not harm the planet. Of course, it is not as simple as that. Yet generating electricity from sunlight alone is a powerful resource with applications and benefits throughout the world. But how does it work? What is it suitable for? How much does it cost? How do I install it? This best selling internet-linked book answers all these questions and shows you how to use the power of the sun to generate electricity yourself. This sixth edition includes more information, with new and improved chapters for grid-tie systems and brings the book right up to date with the latest technology and information. In short, the Solar Electricity Handbook is a practical and straightforward guide to using photovoltaic solar panels. Assuming no previous knowledge, the book explains how solar panels work, how they can be used and explains the steps you need to take to successfully design and install a solar photovoltaic system from scratch. Accompanying this book is a solar resource website containing lots of useful information, lists of suppliers and on-line solar energy calculators that will simplify the cost analysis and design processes.

Book Information

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Customer Reviews

Michael Boxwell is a technical consultant and designer and a former managing director of an electric vehicle supplier in the UK. He is the author of a number of books including the Solar Electricity Handbook, Owning An Electric Car and The Electric Car Guide series of books. He also runs the

Reva Electric Car owners club. He is currently working on a number of new eco books, a TV series and a children’s book of stories. He is a regular guest on Transport Evolved and This Week In Energy.

Great Value! Valuable info and easily understood.

very use full

This handbook focuses on photovoltaic solar energy. It deals with virtually every current application from a simple solar powered service light to a complete grid tie-in home. It provides very thorough coverage from site preparation to equipment to safety. The book is supported with several web applications that are extremely helpful in assessing what you can expect from the sun at your site and how to maximize the energy you can collect. It is fairly up-to-date, but does not yet provide much information on Solar Shingles.

It’s just amazing about the details author goes into, from voltage, current based calculations to how all things work together, in all a very easy to understand text. Simply reading 4-5 pages each day, I’ve learned so many new things. Thanks to author for updating this book every year.Even though I’m only a hobbyist, the way author has presented and explained concepts is very easy to understand and clear in presentation. Must read book if your thoughts anytime go into solar based power.

Very, very basic ! No thing I didn’t know."Photovoltaic Design & Installation for Dummies" has a lot more useful info.

Quite informative.

A current source of information on Solar electricity. Good information and background for Solar professionals but may be over the top for most individuals seeking information on how to purchase solar systems. I recommend this book to all individuals who are interested in Solar electricity and the design of solar array systems.

I felt like the book skimmed the surface of the information I was looking for. I would have liked to

have had more detail on tying to the grid and how the transfer of power between the system and the grid works. More specific equipment information would be helpful. It has given me information from which I now need to take and do more research of the equipment needed.There are so many variables to a system that it’s hard to cover every aspect.

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