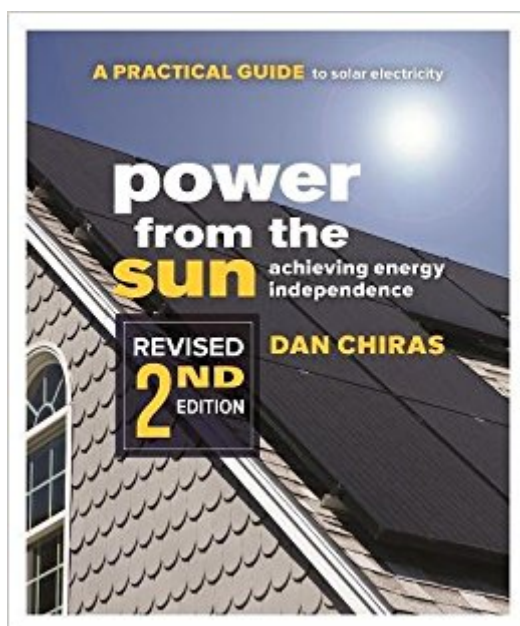


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# Power From The Sun: A Practical Guide To Solar Electricity&#150;Revised 2nd Edition



## Synopsis

Written for the layman, this is the fully revised and updated guide for individuals and businesses interested in generating their own electricity using the Sun. Practical and accessible, it provides a basic understanding of electricity, wiring, and solar energy, and guides the reader through site assessment and determining the type of system needed, providing a solid understanding of grid-tied and off-grid systems, along with important guidelines on installation. *Power from the Sun* #150; 2nd Edition discusses types of PVs and PV systems, and includes comprehensive information on recent changes and improvements in PV modules, charge controllers, inverters, batteries, generators, and net metering policies. It offers an excellent overview of the many options available, allowing the reader to make the best choices for their individual situation during the design, installation, and operation of a solar electric system. The definitive guide for homeowners, business owners, installers, architects, and just about anyone interested in lowering energy bills while achieving greater energy independence. Dan Chiras is Director of the Center for Renewable Energy and Green building through which he teaches workshops solar electricity, wind energy, passive solar design, natural building, and green building. He is also president of Sustainable Systems Design, Inc., a company that installs residential solar electric and wind energy systems and consults on passive solar design, residential renewable energy, and green building throughout North America. Dan is the author of 32 previous books, including *The Homeowner's Guide to Renewable Energy* and *Power from the Wind*.

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## Customer Reviews

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This is an outstanding book. After spending a fair amount of time trying to understand Solar Power and PC Systems without much luck I purchased Power from the Sun. I would highly recommend anyone who is considering solar purchase this book. It is easy to read, easy to understand, has great illustrations and covers all aspects of solar.

Good Info.

Suitable for beginners in PV or for those who have aspirations in this business, but probably not for those with experience.

Good info.

Dan Chiras's revision of his classic *Power from the Sun* brings this practical guide to solar electricity to full currency. He leads the reader through all the necessary steps for understanding how the technology works to making choices for installing your own solar electric system. I have gone through this process before to install my own rooftop solar, so I know how thoroughly Dan describes everything you need to know. Not only has he written extensively on the topic, but he has conducted numerous workshops on renewable energy, and now operates his own solar installation company. He knows the topic inside out. Dan wants you to be sure that photovoltaic power is right for you before investing substantial time and money for a system. Obviously you need decent solar exposure, but you also need to be aware of the inherent limitations and complexities of the many components of an entire system. Whether to go "off-grid" or set up a grid-tied system, or a hybrid of the two, is thoroughly examined. I highly recommend reading this book, even if you don't intend to install your own PV system, because it will help guide you through all of the choices that need to be made and will help you monitor a professional job that will provide years of satisfying power from the sun.

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