



# Power from the Sun : A Practical Guide to Solar Electricity

Dan Chiras



Easy-to-understand, accurate, and comprehensive, this is the guide for anyone interested in installing a solar electric system. Power from the Sun provides a basic understanding of electricity, solar energy and the sun, and solar site assessment. It discusses the types of photovoltaics (PVs) and PV systems, advances in PVs, charge controllers, inverters, batteries, and generators, as well as the installation and maintenance of a PV system. This book is written for the layperson and is designed to raise the solar electricity literacy of readers. It provides a great overview of the many options available and is designed to help homeowners make wise decisions during the design, purchase, and installation of solar electric systems-and save a lot of money. Providing readers with the knowledge necessary to communicate effectively with PV installers, Power From the Sun is a great guide for homeowners, business owners, installers, architects, building department officials, utility company employees, and just about anyone else who wants to lower their energy bills or achieve greater energy independence. Dan Chiras is president of Sustainable Systems Design, Inc., a residential renewable energy and green building consulting firm, and is director of The Evergreen Institutes Center for Renewable Energy and Green Building, which offers workshops on residential renewable energy and green building. He is an internationally acclaimed speaker and author and has published twenty-five books, including The Homeowners Guide to Renewable Energy and Power from the Wind.

- [Power Rangers Samurai : Meet the Rangers](#)
- [Poverty: its Degrees, its Causes and its Relief : A Multidisciplinary Approach to an Urgent Problem](#)
- [The Power of the Smile : Humour in Spanish Culture](#)
- [Power Systems and Renewable Energy : Design, Operation, and Systems Analysis](#)
- [Power in Flight](#)
- [Poverty Alleviation, Institutional Development and Needs Assessment](#)