

Install Your Own Solar Panels: Designing and Installing a Photovoltaic System to Power Your Home

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Labor and related costs account for more than half of the price of the average home solar installation. But homeowners can save thousands of dollars with this user-friendly manual, which follows the same process professional contractors use. Through detailed directions and step-by-step photos, veteran solar installer Joseph Burdick and seasoned builder Philip Schmidt teach you how to determine the size, placement, and type of installation you'll need. This comprehensive DIY guide covers everything from assembling rooftop racking or building a ground-mount structure to setting up the electrical connections and making a battery bank for off-grid systems.
Make Your Savings Shine

This fully illustrated step-by-step guide provides the essential advice you need to successfully install your own solar array. And by doing it yourself, you'll recoup your initial investment faster than ever. Solar professional Joseph Burdick and veteran builder Philip Schmidt take you all the way from assessing your site, designing your system, and getting a permit to shopping for parts and installing the modules. You'll use the same thorough process that the pros do, find answers to all your questions, and set up a complete system for a fraction of the cost. Joseph Burdick has more than 30 years of experience in the photovoltaics industry - from R&D, measurement, and testing to system design, installation, and project management. He is president and CEO of Burdick Technologies Unlimited, LLC, one of Colorado's top renewable energy companies, and is also a professor at Ecotech Institute, where he trains students for careers in solar installation.

Philip Schmidt has been teaching readers how to do things for almost two decades. A former carpenter and longtime writer and editor, he is the author of 18 books, including PlyDesign, Decorating with Architectural Details, and The Complete Guide to Treehouses. He lives in Colorado with his wife, two daughters, and too many leftover building materials.

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