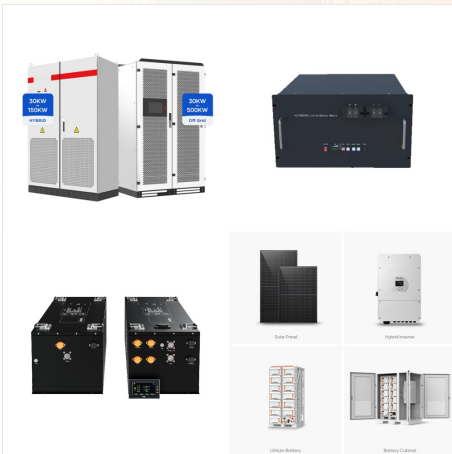




Determine the total daily energy needs (in kWh/day): Total the Watt-Hours/Day column and divide by 1,000. Figure the daily energy needs adjusted for inefficiency (10%): Multiply the total daily energy needs by 1.1. Figure the maximum instantaneous load: Decide which appliances will be on at the same time and add their power draws. Estimate the duty cycle: Divide the number of ???



About the book author: Rik DeGunther is the founder of Efficient Homes, an energy auditing and consulting firm. He holds a BS in Engineering Physics and dual Masters degrees in Applied Physics and Engineering Economic Systems.



Want to take advantage of solar power in your home? Whether you're looking to save on your energy costs by adding a few solar components or you want to build a solar-powered house from the ground up, Solar Power For Dummies takes the mystery out of this energy source and shows you how to put it to work for you! This friendly, hands-on guide is ???

# SOLAR POWER YOUR HOME FOR DUMMIES GRENADA



A new edition of the best-selling guide to solar power. Want solar power in your home? Whether you're looking to save on energy costs by adding a few solar components or you want to build a solar-powered house from the ground up, this friendly guide takes the mystery out of this energy source and shows you how to put it to work for you!



This friendly, hands-on guide is packed with tips for making your home more energy-efficient though solar power???and helping the planet at the same time. You'll see how to survey your home to determine your current household energy efficiency and use, and evaluate where solar power would best benefit you.

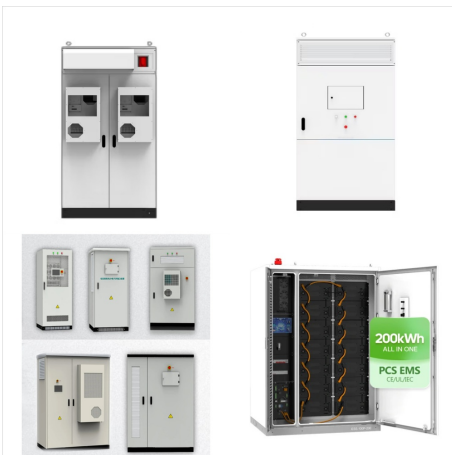


The bestselling alternative energy reference book in North America& #8212;now in an updated edition  
Want to take advantage of solar power in your home? Whether you& #8217;re looking to save on your energy costs by adding a few solar components or you want to build a solar-powered house

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When you switch to solar power for your home, mounting your photovoltaic (PV) solar panels is of critical importance. First, you need to mount the panels where From the Book Solar Power Your Home For Dummies . Solar Power Your Home For Dummies Cheat Sheet ; How to Build a Solar-Powered Water Purifier ;



Solar power your home for dummies by DeGunther, Rik, 1956-Publication date 2008 Topics Solar houses, Solar energy, Dwellings -- Energy conservation Publisher Hoboken, NJ : Wiley Pub. Collection internetarchivebooks; printdisabled Contributor Internet Archive Language English Item Size 686.7M



Solar Power Your Home For Dummies. Explore Book. Buy On Amazon. Plotting a sun chart tells you how much direct sunlight you can expect over the course of a day so you can determine whether solar power is a viable option where you live. Sun charts are easy to plot and provide a way to represent the movement of the sun across the sky.

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Chapter 1: Helping the World through Solar Power. Chapter 2: Surveying Your Household Energy Efficiency and Use. Chapter 3: Making Your Home Energy Efficient. Part II: Understanding Solar -- Just the Facts, Ma'am. Chapter 4: Working with Solar Basics. Chapter 5: Evaluating Your Solar Potential. Chapter 6: Calculating Payback on Your Solar

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Expanded coverage of the technology that underpins full-scale solar-power systems for the home New small- and mid-sized solar products, projects, and applications Rik DeGunther is a design engineer who started his own energy consulting firm Featuring ten of the easiest and cheapest DIY solar projects, Solar Power For Dummies, 2nd Edition is the



Solar Power Your Home For Dummies. About the book author: Rik DeGunther is the founder of Efficient Homes, an energy auditing and consulting firm. He holds a BS in Engineering Physics and dual Masters degrees in Applied ???



<p>This book is a valuable resource for anyone interested in solar power and sustainability. Written by Rik Degunther, the book is part of the "For Dummies" series and has 416 pages. It was published in 2010 by Wiley & Sons, Incorporated, John. </p><br /><p>The book covers topics such as alternative and renewable power resources, sustainability, and green design. It is ???

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Solar Power Your Home For Dummies. Explore Book. Buy On Amazon. Plotting a sun chart tells you how much direct sunlight you can expect over the course of a day so you can determine whether solar power is a viable ???



two-way highway, allowing power from your solar panels to feed back into the grid. A RIVER To put it another way, consider the sun's energy as a river of energy that ???ows from the sky. That river travels through your solar panels to the grid, but as it passes through a breaker box on the side of your house, a



Say your solar panels produce a max output of 300W and you have a 12V solar battery. Dividing 300 by 12 gives you 25 amps. 24V for medium size ones like a small home or cabin, and 48V is ideal for large home systems. The higher your power needs, the higher the voltage you should use. Using a higher voltage system increases efficiency

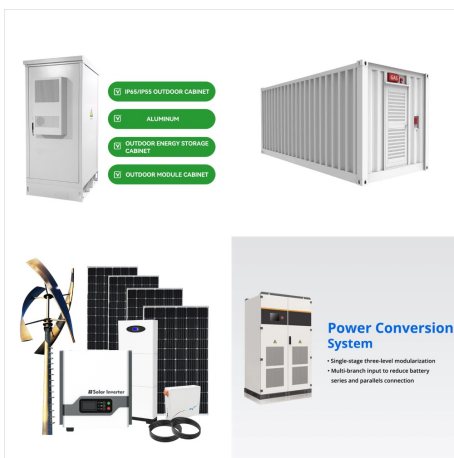
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Solar Power Your Home For Dummies . Explore Book Buy On Amazon Solar power is very useful for water supply systems. The most common applications are for household water supplies and agricultural and livestock needs. Of course, using utility-provided water is more economical in most places, but in remote locations, it's simply not available.



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This new edition gives you hands-on tips and techniques for making your home more energy-efficient though solar power???and helping the planet at the same time. Plus, you'll get all the latest information on changes to federal, state, and ???



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Building, retrofitting, and selling -- get practical guidance on building a solar-powered home from the ground up, installing solar in an existing home, and selling your solar home; Open the book and find: Tips on surveying your household energy efficiency and use; Ways to evaluate your solar potential ; Small- and medium-sized DIY projects



Installing a solar system to power your home is an involved process. Even though you'll be hiring a professional, it helps to understand what's going on. Expect the entire process of installing a full-scale photovoltaic (PV) system to take 90 days or more. The following list outlines all the things you need to do: Perform an energy audit.