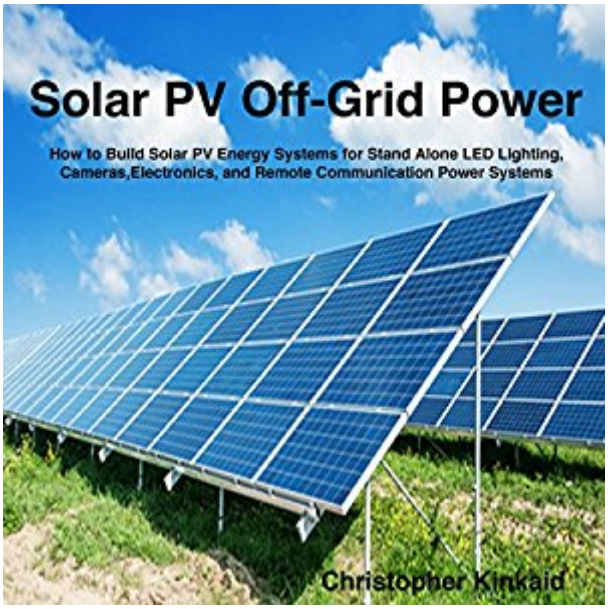
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Solar PV Off-Grid Power: How To Build Solar PV Energy Systems For Stand Alone LED Lighting, Cameras, Electronics, Communication, And Remote Site Home Power Systems



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Synopsis

Solar energy is a formidable resource. Solar electric power systems, based on PV panels, make effective power supplies for your off-grid electricity needs. The sun distributes over 1,000 watts per square meter at peak and is the natural power supply for life on Earth. The sun, can also be your power supply. The best kept industrial secret is that we don’t need to burn fossil fuels for industrial power. Solar PV panels, true 21st century tools, can provide daily energy production that can be used directly, or stored for later use, on demand, to power your remote electric loads onsite - with no pollution or fuel costs. This book is a resource for building your own solar PV supply for remote cameras, LED lighting systems, communication, sensors, and remote cabin and home power systems with solar PV power system examples. The solar energy resource varies with time of day, season, and local climate. Solar PV panels, sized properly, produce reliable and predictable energy production, despite daily variations, when calculated properly for each month. Tap into PV panels to charge battery banks for reliable DC, and, with inverters, AC power on demand. Remote site power supplies, designed and installed properly, offer real power for running a variety of electronic, motor, and large draw devices. Use this audiobook to match your energy load with the energy production sized to match your electric loads for remote solar PV power. System examples range from 30-watt solar PV power supplies for cameras, electronics, and sensors, to 4,000-watt home power systems.

Book Information

Audible Audio Edition
Listening Length: 1 hourÃ Â andÃ Â 39 minutes
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ASIN: B0162WMCU0
Best Sellers Rank: #55 inÃ Â Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Solar #535 inÃ Â Books > Audible Audiobooks > Science > Technology & Engineering #3663 inÃ Â Books > Science & Math > Nature & Ecology > Conservation

Customer Reviews

I found this book to be not very useful if you are looking to get a basic understanding of how to put

together a solar power system. There are many more books available here on with more practical information and better explanations of the required components, methodologies, etc. The main focus of this book seems to be just listing a bunch of parts for various power output systems. Not recommended.

I'm very interested in using solar power, but this text was a lot more complicated than I was prepared for. If you're an engineer, or have extensive experience using solar power, this is for you. If you're a newbie like me, this is not a good start.

Lacking in technical details

I learned a lot

Awesome

One of the best ever e-material i have read. This is a stand alone material for all levels (basic and advanced) solar community. I am a full pledged off grid practitioner and was further enhanced by the information from this ebook. It's professionally composed and high competensy in technical level. Congrats, i know some can really write/communicate this good!

Great info well laid out and easy to understand. Lot of info on placement, set up at all voltage levels and panel sizes.

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