

SOLAR PANELS

GETTING STARTED WITH SOLAR

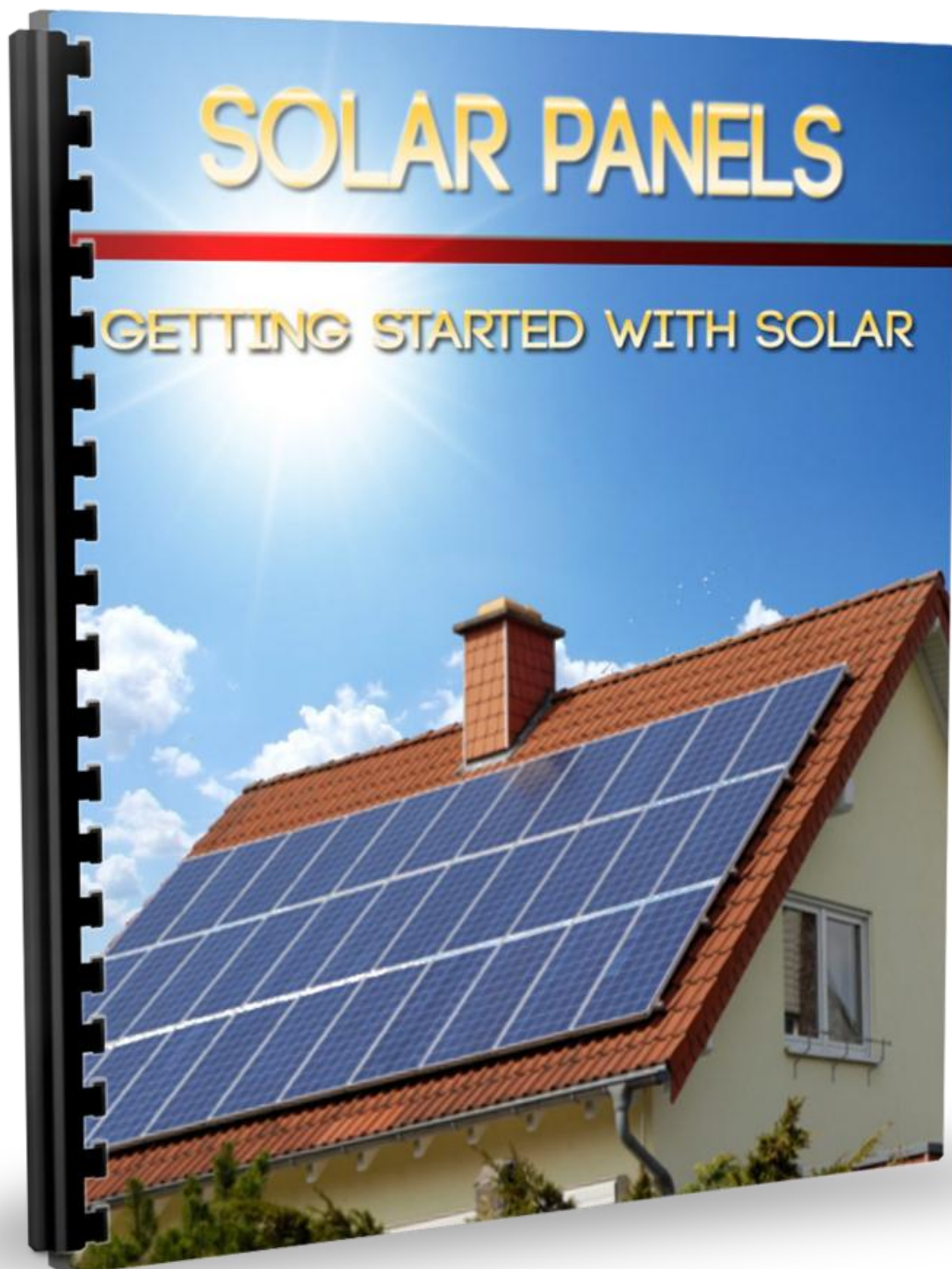


Table of Contents

Chapter One

An Introduction

- Should you conserve?
- What the Retailers are Hiding
- Is this Program for you?

Chapter Two

The Cost of Saving the Planet

- Should you Pay a Higher Price?

Chapter Three

Start Building that Panel

- Steps to Building the Solar Panel.
- Wiring Plans
- Mounting and Conservation!
- Energy Efficient

Chapter Four

The Resources Within

Chapter 1

Introduction

Do we really want the one thing that gives us its resources unconditionally to suffer even more than it is suffering now?

Nature, is a part of our being from the earliest human days. We respect Nature and it gives us its bounty, but in the recent past greedy money hungry corporations have made us all so destructive, so wasteful.

They never tell you the real cost energy has on the environment, some conglomerates are still actively trying to deny global warming.

A: **Should you Conserve?**

If you have a conscious it's a no-brainer. You should it's just not for the planet it's for you! The energy costs are getting ever higher and this trend will continue going upwards because the planet is

running out of resources and the demand/ supply notion of commerce rules the highest bidder gets the prize.

Hence, the energy costs keep climbing. If you want to get rid of these shackles you need to be energy efficient!

Is this Program for you?

B: What the Retailers are Hiding

With the low-end price of \$25,000 for the installation of a basic solar unit, everyone but the deep pocketed are bound to turn away.

But does energy efficiency really cost as much? It doesn't and this is what the Retailers cover up. Instead of passing out kits to build a cheaper solar panel yourself, they want to keep that seem so ridiculously high that you are bound to keep paying the bills!

But in this book we will learn to say thanks but no thanks! To the Retailers, the corporations and big business!

C: **Is this Program for you?**

Answer this question; do you want to play a better role in society? Do you want to be the one to decide you energy needs and COSTS? If you answered yes, read on this book is THE tool to help you with your energy conservation success story.

This program will work for you because it is made to help “you”, its just that simple. All you need is a little ingenuity and a bit of time and you are on your way!

Chapter 2

Cost of Saving the Planet?

We here at Earth for Energy do not think there could be a cost high enough to make us not want to save energy and in turn save our home. Conserving energy should be a way of “every” life! And it does not have to cost us money just time to start up.

I’m sure once you get the concepts of building your own Solar Panel you will feel the same way.

A: **Should you Pay a Higher Price?**

The answer again is simple, No!

And with the way we are going to discuss in the coming chapters you will see for yourself how easy it is to build an energy efficient solar panel. It will make you wonder why didn’t you do this before.

As the energy bills start to roll in lighter month after glorious month you will be proud of yourself and just like us boosting of your ingenuity in building a solar panel(s) all on your own.

So, if you are ready to take that leap and start building yourself an economically, tension free and energy efficient future and if you are ready to do some seriously easy DIY just turn over to the next chapter and join the revolution!

Chapter 3

Start Building that Panel

This is the chapter that teaches you the technique to make your own Solar Panel!

Just read on follow the easy nuggets of information in a step by step lessons and getting the right tools ready for your energy conservation needs.

Before we start though keep in mind while sourcing the materials it should not cost you more than \$200 or \$300. Shop sensibly for raw material.

A. **Steps to Building the Solar Panel:**

We will take you through 5 easy to follow and understand steps to make the 60's dream a reality!

- i. Copper or PVC: You can make your own panel from scratch with buying a square sheet of copper or buying a ready made panel worth around \$100.

- ii. Battery: Buy yourself some 12 volt rechargeable acid batteries these should be deep cycle to work best. The cheap batteries will cost between \$30 -\$50.
- iii. The Box: Buy a battery box to put your batteries in to protect them from extreme weather and dust.
- iv. DC Input: Buy yourself a DC input from any hardware store. Should not cost you more than \$10. Or you can source this from house hold appliances lying around like fans, hairdryers etc.
- v. Attaching the Meter: You can attach the DC Input meter to the top of the battery box by using any standard drill, though handle with caution.

After that we discuss the wiring in the next sub topic, just ensure you followed all the steps till here correctly and you have the right equipment.

B. Wiring Plans:

Connect the insulated wires to the battery first. You do this by wrapping the wire tightly against the negative wingnut first and then the Positive wingnut or terminal.

Repeat the procedure for the DC connector, -ive first and +ive next.

Last connect the Solar Panel you created or bought to the insulated wire in a similar way. This connects the Sola Panel to the battery and the battery to the DC outlet. Where you can attach any electric appliance for usage.

C: **Mounting and Conservation:**

By this step your work is done!

Just close the lid of the battery box and securely place the solar panel on the roof or in the garden, where ever you can get more sunlight for longer! Choose the spot well.

Lay out the cable and secure the battery box next. It usually takes 5 or 6 hours to charge a new or empty battery and it'll take at least a couple of hours of sunlight to charge the battery again.

D: **Energy Efficient**

Again, we cannot stress enough the importance of energy conservation today. And the one panel may not be enough to fulfill all your energy needs but take this as a starting point a testing phase and build on it.

Easy as that and you can be energy resourceful in yourself and a tad free of the energy producing giants. A step in the right direction indeed!

Chapter 4

The Resources Within

The feeling of independence is a freeing experience you can ask just about anyone. One of the worst things in our society is this energy dependency but with these DIY solar panels you are heading in the right direction towards independence and in turn freedom.

Remember in this case what is good for the planet is good for your pocket!

Go make yourself proud with your new-found faith in the Nature and Conservation!
Build away!