

Affordable Power on Demand

As oil prices continue to increase, energy conservation is on the minds of many Americans. We see more hybrid vehicles on the road and compact fluorescent light bulbs have begun making their way into our homes. Perhaps you've seen solar panels on highway signs, construction sites, or.... on the lake. Maybe it's time for you to think about what solar power can do for you.

The costs for connection to the utility grid on a typical boat dock can be upwards of seven thousand dollars- this does not include wiring and installation of lighting, switches and outlets. Shore-based power involves grounding to the earth. Not only does this provide an ideal environment for accidental electrocution, but it can also be a liability on a floating dock in the form of damage to the dock or the power pole. Around half of the energy generated for the utility grid is produced by burning coal- which of course is a non-renewable resource and simply mining coal is devastating to our environment. You count on the utility grid to provide constant power- on demand- day or night. However, should the grid fail in your area, rest assured, restoring power to a recreational boat dock will not be a priority.

Let's look on the *brighter* side. Electricity produced in solar panels is clean, environmentally safe, and is made without moving parts. This yields a durable, simple, reliable anchor for your power production system. Power is available on demand. Unlike a generator, there's no starting procedure, noise or messy fuel to contend with.... you simply flip a switch. A solar power system for your dock is completely self contained. There is no ground reference. Your family and friends can swim near your dock, fish, relax, all without the concern of accidental electrocution from a mishap involving power lines to shore. Your 'private power supply' provides electricity even when the utility grid fails. One more thing to consider.... cost. Not only are you free of the monthly utility bill, the installation cost for solar power is considerably less than the price of shore power installation.

An American Company IN America

You rely on us and we rely on name brands such as Trojan Batteries©, Kyocera Solar Panels©, MorningStar© and Square D©. When reliability counts, there is never an excuse to cut corners on quality. While cheaper, foreign components may be available, the overall longevity of your system should never be compromised.

Power Source Solar, founded in 1997, is a family owned and operated American business that can meet your power production needs. Regardless of size, one slip or twenty, we can determine the right components and manufacture a system around your expectations. Please contact us with questions or to arrange a quote.



Secure, aesthetically pleasing design



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SOLAR POWER FOR YOUR DOCK

**SAFE, CLEAN AND RENEWABLE
ELECTRICITY**



An affordable alternative to utility power.

Solar Power Made Simple



Solar panel mounted on single-slip dock in the Ozarks

If you have a dock, or have plans for one, access to electric power is an important consideration. Odds are, transporting a generator or batteries to and from your dock is not a viable option- it's physically taxing, and mounting them in a lock-box still leaves you wondering if they will be there when you arrive on the weekend. Power lines from the utility grid are not only obtrusive and potentially dangerous, the installation can be extremely expensive.

With solar, you have power on-demand just by turning it on. Electricity produced during daylight hours is stored in batteries in a NEC and U.S. Army Corps of Engineers approved containment vessel that locks and is secured to your dock. By simply turning on a switch, you have lighting and receptacles that can power boat lifts, power tools, fish cleaning stations, fans, radios... you name it.

Our range of systems are designed to adapt to a variety of remote power applications. We conduct an energy audit on-line or over the telephone to determine your needs and provide with you a capable power system. Each installation is upgradeable should you require more power in the future.

The Wise Energy Alternative



- **SAFE**
- **RELIABLE**
- **RESPONSIBLE**
- **COST-EFFECTIVE**

Installation Made Easy

In determining how an installation at your location will perform, your view of the southern sky is essential. Trees or other obstructions can block the sun from the solar panels and reduce your potential power production. In these cases, upgrading the size of your system at installation provides an offset to this minimized production and performance will not suffer.

Orientation of the solar panel is also key- Panels are set at a fixed angle and pointed precisely to produce optimum power. Your modular solar power package includes in-depth, illustrated instructions and our support staff is on hand to provide you with additional setup and installation assistance.

Freedom From Power Lines

Establishing an electrical connection on your dock not only involves great expense, but cutting an easement as well as the installation of unsightly power lines. Guy wires from power poles, tree stumps and disruption of the natural setting are not only an eye-sore, but a tripping hazard as well. Preservation of the natural beauty around your dock is another benefit of an alternative installation.



NEC compliant and Corps of Engineers approved dock boxes provide a safe, secure vessel for the main components of your system

We install our systems in and around the Ozarks region. Including but not limited to:

- Bull Shoals Lake
- Table Rock Lake
- Pomme de Terre Lake
- Beaver Lake
- Stockton Lake
- Norfolk Lake
- Greers Ferry Lake

Shipment nationwide for professional installation is also available. Please contact us for details.