

Everything you need to
**GENERATE YOUR OWN
ELECTRICITY**
at home




ASTROPOWER
АСТРОПОУЕР

TAKE CONTROL



Be a part of the solution.

Solar electric power is the most reliable and cleanest form of electricity on earth. You can count on it. Every day the sun rises you'll be generating your own electricity...even selling it back to your electric utility. That makes you part of the solution.

The benefits of solar.

An AstroPower Solar Electric Home Power System enables you to:

- Produce your own clean, quiet electricity.
- Reduce or eliminate your electricity bills.
- Guard against rising energy costs.
- Reduce dependence on your local utility.
- Protect the environment.
- Add comfort, security and value to your home.
- Even protect yourself against utility blackouts.

with a Solar Electric Home Power System.

Generate your own electricity.

An AstroPower Solar Electric Home Power System has everything you need to generate your own electricity at home. It puts you back in control, as you reduce your dependence on your local utility.

Your investment in a system enables you to effectively “freeze” electricity rates and spin your utility meter backwards. No longer will you be subject to the volatile electricity market.

You’ll also find that it’s never been easier to get a solar electric home power system. AstroPower and our expert installers will handle everything. Our goal is to make the entire process hassle-free. Better still, our power systems have never been more affordable. Special incentives available now can cut the cost of your system in half, saving you thousands of dollars.

Free power from the sun.

Unlike most conventional power sources, once you install an AstroPower Solar Electric Home Power System, there are no additional fuel costs. It just keeps on working. Every day the sun comes up, you’re generating your own “free” electricity. No one can raise the price of sunlight! And it’s the most reliable and cleanest source of energy on earth.



Spin your meter backwards!

When your AstroPower system generates more electricity than you’re consuming, your electric meter will actually spin backwards. Most states have laws that enable you to “sell” electricity back to the power company at the same rate it charges you. This allows you to reduce your power bill and drive it toward zero.



SunLine™

SOLAR ELECTRIC HOME POWER SYSTEM

Solar Panels convert sunlight instantly into DC electric power.

Inverter converts DC power into standard household AC power for use in the home, synchronizing with utility power whenever the electrical grid is distributing electricity.

Existing Electrical Panel distributes solar electricity and utility power to loads in the house. With AstroPower's SunUPS® system (see right hand panel), your home will operate even during a utility power outage.

Utility Meter actually spins backwards when solar electricity generation exceeds house electricity consumption, selling power back to the utility at the utility's same price.

Utility Power is automatically provided at night and also during the day when your demand exceeds your solar production.



SYSTEM CHOICE



A choice of complete, pre-engineered systems.

AstroPower offers comprehensive, code-compliant systems specifically engineered for seamless integration into your home and the utility grid. Our **SunLine™** System features AstroPower solar modules, plug-and-play wiring, power electronics, as well as our patented mounting kits...everything you'll need for years of automatic operation. Our **SunUPS®** System adds a battery back-up to create an Uninterruptible Power Supply (UPS). And our power meter comes standard with both systems. This unique user interface tells you at a glance what your system is generating and what your household is consuming. Add in our highly expert authorized installer network, and you're assured of the finest quality system installation.

Built to last.

What's more, because there are no moving parts, there's little to break down. These systems last a long, long time. The solar panels themselves (the "engine" of your system) are warranted for 20 years. They're built to handle just about anything life can dish out. And there's virtually no maintenance.

No fuel, no emissions.

An AstroPower system enables you to make your own clean, renewable electric power without fuel or emissions. So you'll be doing your part to control the impact of other energy sources, while you're reducing air pollution and global warming.

ES to meet the specific needs of your home.

Add value to your home.

Your home is probably your most significant purchase ever. Solar electric home power adds significant value because it provides clean, quiet electricity, offering unsurpassed comfort and security. And because it gives you a higher level of energy independence, it offers your family even more peace-of-mind.

You'll have power, even when your neighbors don't.

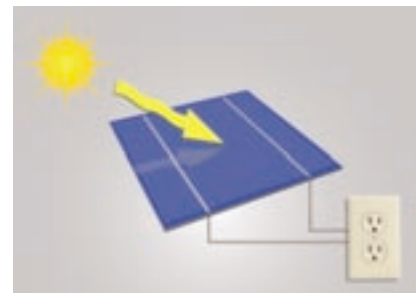
If you choose a SunUPS® System, you'll get the added advantage of an Uninterruptible Power Supply (UPS). This offers you battery back-up in the event of a utility power-quality problem, black out or other utility service interruption. So you'll have power even when your neighbors are in the dark. Your lights will stay on and so will your TV...your security system...and other important electrical appliances you choose. You can run without utility power for days, weeks, even indefinitely if you carefully manage your usage.



Keep the lights on.

Our SunUPS® system keeps your house running even during utility black outs.

How it works.
It's simple. Solar cells in our Solar Electric Home Power Systems convert sunlight directly into electricity.



Inverter converts DC power to standard household AC power for use in the home and synchronizes with utility power.

Battery Storage provides energy to the inverter to operate essential loads during a utility outage, day or night.

SunUPS®

SOLAR ELECTRIC HOME POWER SYSTEM
WITH BATTERY BACK-UP POWER

Solar Panels

convert sunlight instantly
into DC electric power.

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tial loads
y or night.

New Electrical Panel holds selected circuits for essential loads. These circuits are powered during normal utility operation and also during outages, automatically.

Existing Electrical Panel distributes solar electricity and utility power to non-essential loads in the house. These circuits will not, however, operate during a utility outage.

Utility Power is automatically provided at night and during the day when your demand exceeds your solar production.

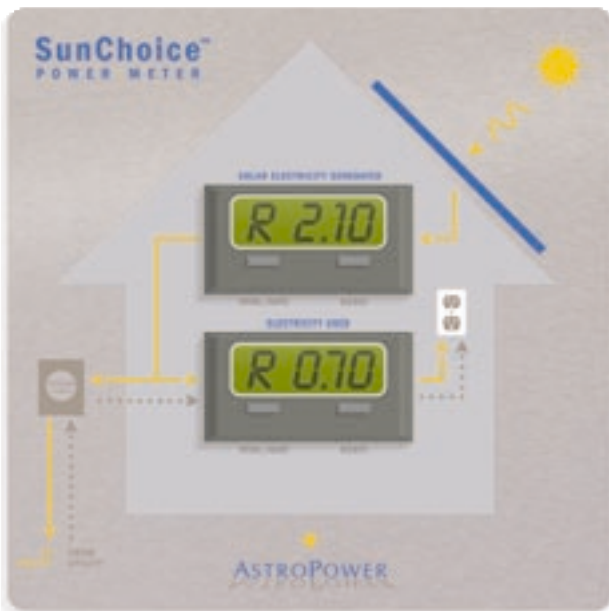
Utility Meter actually spins backwards when solar power production exceeds house demand, selling power back to the utility at the same price.

MORE CONTROL than you've ever had before.

Stay in touch with our power meter.

Once your system is in place, it's easy to forget about it. You won't see it unless you look up. You won't hear it, either. But it will be there generating electricity for you every day. What keeps you informed is your power meter, AstroPower's unique homeowner interface.

Located in your home, your power meter will tell you exactly how much electricity you're generating and how much electricity you're using. You'll be able to tell instantly when you are sending power back to the utility grid. Turn a light out and watch the consumption figure go down! You'll be able to manage your household usage like never before.



Manage your usage.

The top meter shows the solar power system is generating 3 times the electricity being used by the home.

Your home team.

As the world's largest independent manufacturer of solar electric power products, AstroPower, Inc. (NASDAQ: APWR) is changing the way electricity is generated and distributed. We provide a clean, renewable, reliable source of electricity where and when you need it. Right at home.

Because solar power is our only business we are uniquely focused on providing the best solar system solutions to our customers. Our systems are also backed by the biggest name in home improvement and installed by the best in the business.

Take control.

Enhance your overall quality-of-life with an AstroPower Solar Electric Home Power System. Provide your own clean, reliable, renewable electricity. Spin your utility meter backwards. Reduce or eliminate your electricity bills. Guard against rising energy rates. Add comfort, security and value to your home. Protect the environment. Ensure that you have power, even when your neighbors don't. Put yourself in control of your energy future.

Do the right thing. Do it today.

Now is the right time. Do the right thing...for your kids...for your community...for your country and the world. Call AstroPower today, and schedule an at-home consultation. Leave it to us, we make getting solar power easy.



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