

I want to save money

save the planet

heat my water

heat my home

cool my home

impress the neighbors

control my energy costs

decrease my carbon footprint



I want a solar system that does it all

Imagine . . .

A solar system that generates 2-3 times more energy than a basic solar system. What if there was a complete solar solution that could generate electricity to run your appliances, provide hot water for your showers, and even help to heat and cool your home? Well, you'd have the **Echo™** solar system.



Solar energy is good. Echo makes it better.

A complete solar solution for your home

The **Echo** solar system is a revolution in solar technology – it's the only solar system that can help satisfy all of your home's energy needs.



Electricity



Water
Heating



Home
Heating



Home
Cooling

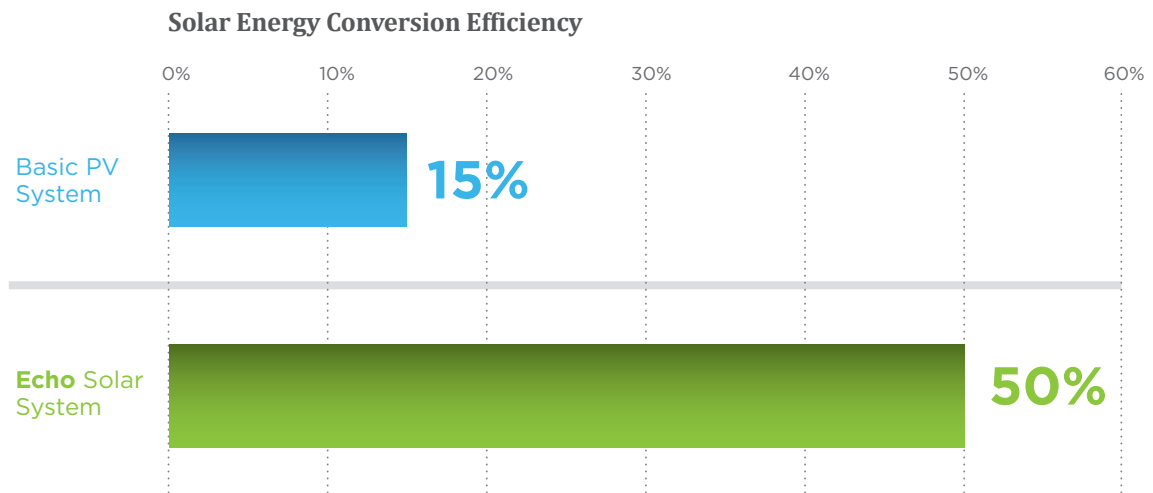


Ventilation

Echo's revolutionary technology delivers more energy than a basic solar system

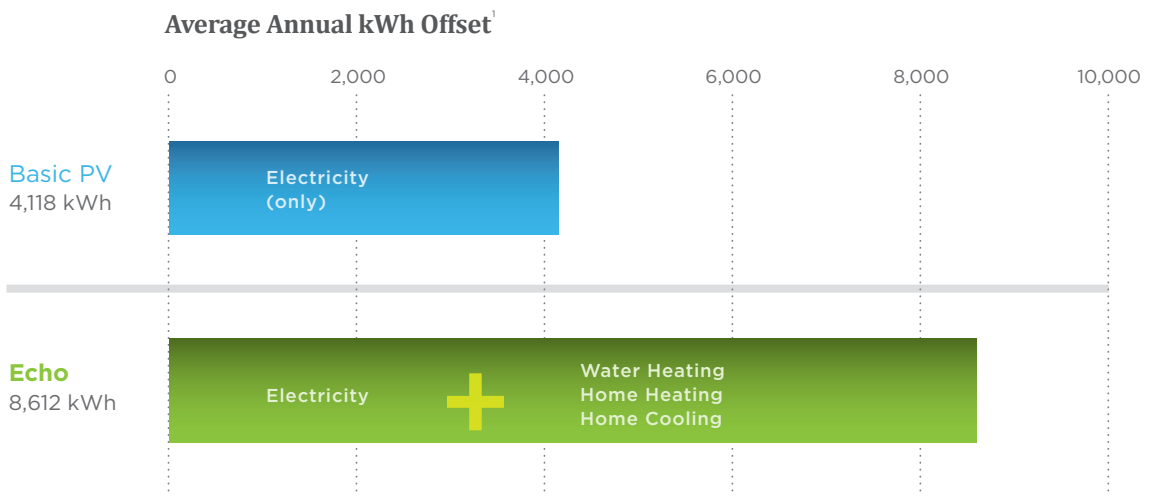
Basic solar electric ("PV") systems only convert about 15% of the sun's light into energy. But **Echo's** advanced technology captures more of the sun's energy to deliver approximately 50% efficiency. Higher efficiency means more solar energy generated, pure and simple.

Echo is over three times more efficient than a basic PV system¹



Echo generates more energy than a basic PV system

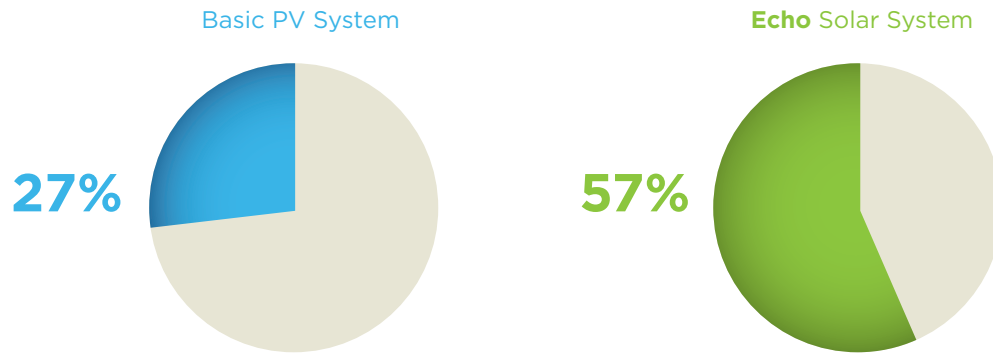
Because **Echo** is more efficient, it generates more energy. In addition to producing electricity, it will provide hot water plus help heat and cool your home.



Echo saves you more money today – and tomorrow²

Because **Echo** generates more energy, it satisfies more of your home's energy needs. Start saving money today, and enjoy the comfort of knowing that regardless of what happens to energy costs 5 years from now, or 25 years from now, **Echo** helps keep energy costs under control.

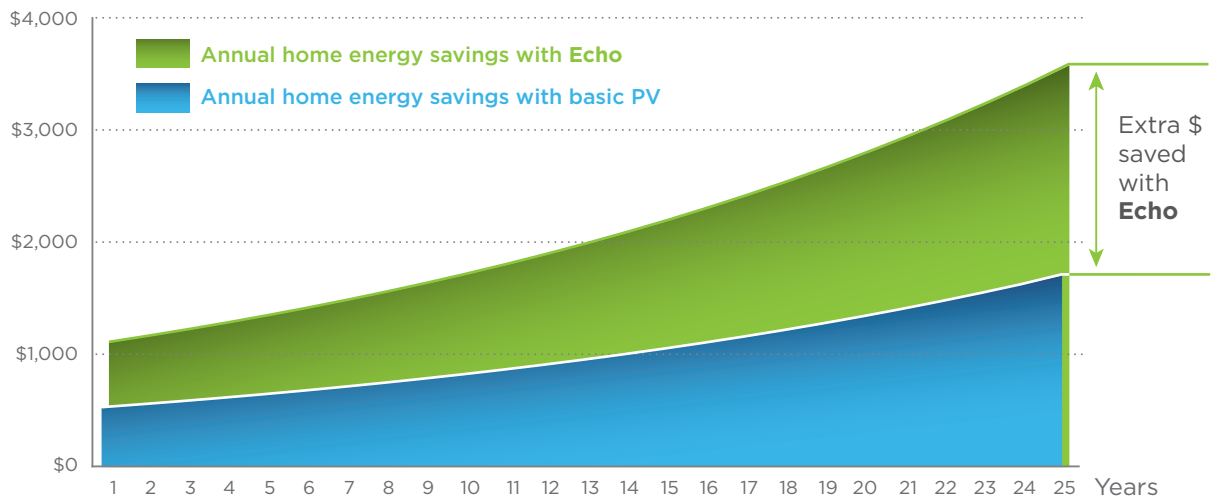
Echo satisfies more of your home's energy needs¹



Echo saves you more money on your energy bills²

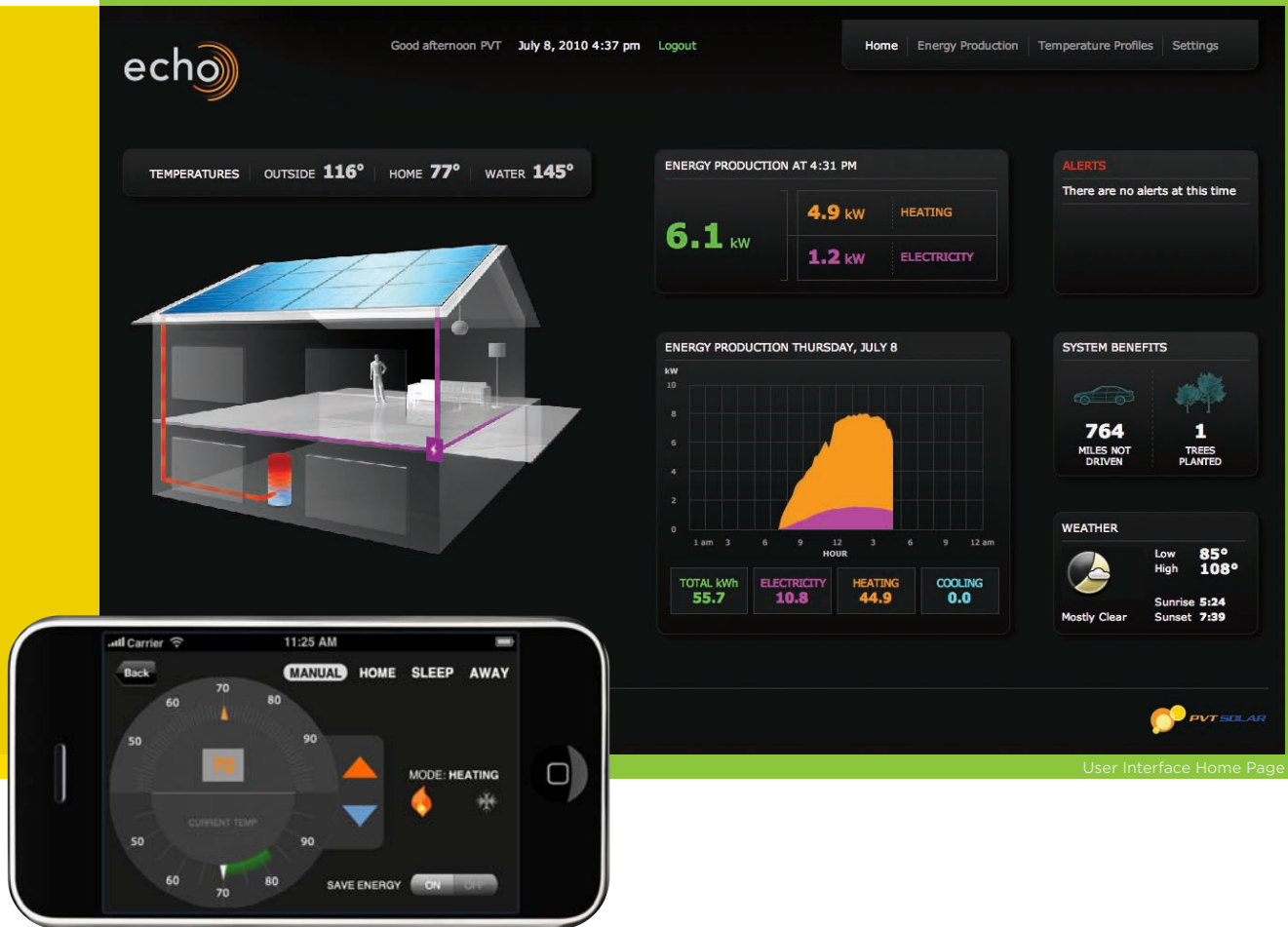
Size of System	Year 1 \$ Savings With Basic PV	Year 1 \$ Savings With Echo	Incremental \$ Saved with Echo
2070 watt peak	\$395	\$852	+ \$457 = 2.2 times more \$ saved
2760 watt peak	\$529	\$984	+ \$455 = 1.9 times more \$ saved
3680 watt peak	\$705	\$1,209	+ \$504 = 1.7 times more \$ saved

Echo gives you more control over your energy costs³



Echo gives you the power of knowledge

Every **Echo** solar system comes with a web-based User Interface so you can see how your system is performing. Simple color graphics and easy-to-understand charts allow you to view every aspect of the system's operation, at a glance. You can set system controls, such as energy saving functions, from your computer. There's even a free iPhone app that lets you monitor and control your system remotely.



Echo makes managing your home easier

You don't have to be home to control your home's heating and cooling. **Echo** lets you control your home environment from a computer, or a mobile phone. Life just got a bit easier.

Comfort

It's the end of a long hot day, and all you want to do is go home to a cool, comfortable house. **Echo** lets you turn on the air conditioner before you arrive home, so that you can enjoy a comfortable home environment the moment you arrive.

Energy Savings

Pre-programmed intelligent heating and cooling controls save you money while providing home comfort.



**For more information about the Echo solar system,
please visit our website at: www.echofirst.com**



Reno, NV 5.6 kW

¹ Modeled performance from a 2760 watt STC DC array, offsetting electric water heating, Phoenix/Tucson, 2500 square foot home, HERS rating 75. **EchoFirst Inc. cannot guarantee performance results.** Our energy performance estimates are based upon specific solar array configurations, facing due south, with a single row of solar thermal modules at the top of the array. The estimate of performance is a modeled forecast which uses a simulation tool called TRNSYSV16. While TRNSYS is used by some of the most trusted names in energy (including the California Energy Commission, the National Renewable Energy Laboratories, and the Solar Ratings & Certification Corporation), actual energy generation from the solar system will vary depending upon a number of factors, including weather, third-party products used in connection with the Echo solar system, shading of the solar array, soiling of the solar array, and the actual usage and timing of usage of thermal energy within the home.

² Modeled financial performance from solar arrays sized in STC DC watts, offsetting electric water heating, Phoenix/Tucson, 2500 square foot home, HERS rating 75, using APS January 2010 utility tariff and thermal load assumptions. **EchoFirst Inc. cannot guarantee financial results.** Our financial performance estimates are based upon our best estimate of the energy generation performance of the specific solar system(s) and specific conditions current at the time of calculation. Your actual savings may vary with changes in any one of 1) the performance of the solar system, 2) your usage of energy in the home, and 3) changes in the cost of the energy the system offsets.

³ Estimate of annual home energy costs assumes 5% annual escalation rate, \$0.13/kWh Year 1 cost, 2760 watt STC DC array, offsetting electric water heating, Phoenix/Tucson, 2500 square foot home, HERS rating 75.



Echo™ is a product of EchoFirst™ Inc.
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