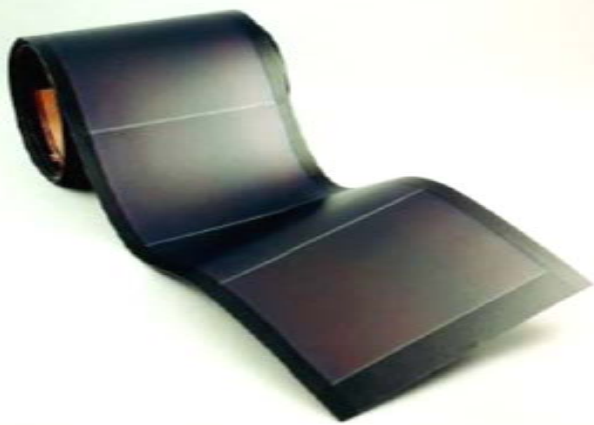


American Solar Roof™

solar energy systems are the most durable, highest quality photovoltaic systems on the market today.

We adhere flexible, **UniSolar™** panels to our **2001, Inc.™** patented "wind-vented" roof system, to produce a highly resilient, low maintenance, dependable solar system.

In addition, *our systems will out-perform traditional glass systems* in areas where overcast, or low-light conditions exist, such as in Connecticut.



For Information on our products and services contact:

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American Solar Inc.
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**Harness the power
of the sun.**



WWW.AMERICANSOLARROOF.COM



**Save
some
money,
and save
the
world!**

By installing a PV system on your building, not only are you saving money, but you are doing your part to **reduce carbon emissions**. Solar systems produce *no emissions whatsoever*, unlike the other electricity we use, which is mainly produced by burning oil and coal. Independent PV systems also reduce the overall draw on the grid, helping our country meet the ever-increasing demand.

In addition, these systems help America *strategically*, by reducing our dependence on **foreign oil**.



What are "Photovoltaics"?

Photovoltaic (PV) cells generate electricity from light. When light shines on a PV cell, the electrons are agitated, and this creates an electrical current. PV cells use a semiconductor material to achieve this. A PV "module" refers to a number of cells, connected in series, which generates a certain amount of electricity as a unit. A PV array refers to two or more modules operating in conjunction.

There are three types of PV cells commonly seen today. These are: mono-crystalline, poly-crystalline, and amorphous. Mono- and poly- systems are what is typically used in the "glass panel" systems. These older systems are fragile, heavy, and not well suited to Connecticut's lighting conditions. We use an amorphous silicon system. Amorphous systems are the latest in PV technology. They are flexible, durable, and lightweight- weighing less than 2lbs per square foot. Not only does this eliminate any and all structural concerns, but they are so durable, that we can warranty our systems for 30 years! You can hit our system with a hammer, and it will still function perfectly. Try that with a glass panel!

ASR 30 Year Warranty

Our roof systems use a tough, **90 mil. EPDM** membrane for years of continued reliability. With over 35 years of roofing experience, and the finest products available, we will stand behind our superior solar systems for **30 years!**



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