

## INFORMATION ABOUT SOLAR ROOF TILES

Proper installation helps to save you energy. Eagle's Energy Saving Roof can help reduce the heat transferred into your attic by almost 50% when compared to a direct nailed asphalt shingle roof. However, Trade key respects the intellectual property, copyright, trademark, trade secret or any other personal or proprietary third party rights and expects the same from others. flexible

These tiles are made of a flexible material so they are easy to apply when doing the roof. There are two major brands that are being used. The tiles are made from a lightweight recyclable plastic that is molded together with a flexible solar cell. While the flexible panel design gathers less energy, it actually reacts to a broader spectrum of light. The tiles themselves are made out of a lightweight recyclable material that is molded together with a flexible panel. The tiles can be networked together to leverage the power of the sun.

And with the built-in blocking diode technology, this charger is designed to protect against battery discharge at night. You can also use this device to maintain the charge on any 12-volt battery for. If an input supply cannot provide enough power to satisfy the requirements of an LT3652 charger, the supply voltage will collapse. A minimum operating supply voltage can thus be programmed by monitoring the supply through a resistor divider, such that the desired minimum voltage corresponds to 2.7V at the VIN\_REG pin. The responsiveness of the cells would allow them to charge even indoors, an important consideration since portable electronics are not typically exposed

to sunlight.

The tiles interlock and look very similar to regular concrete tiles and last just as long if not longer. Each tile's exposed surface is covered in photovoltaic cells so an entire roof can generate power. In addition, the modules interlock and the gaps between the modules are covered by a proprietary black anodized aluminum capping rail. Sun tech Just Roof looks and acts just like standard roofing materials.

Electrons are excited by the light and move through the silicon. This is known as the photovoltaic effect and results in direct current (DC) electricity. Electrolyte is absorbed when batteries are much discharged. If you add water at this time, and then recharge the battery, electrolyte will overflow and make a mess.

The solar modules lay flat on the rooftop, interlocking smoothly with standard roof tiles for a smooth look. They are compatible with most shapes and sizes of roof tiles used in new residential construction, with one module replacing five standard concrete tiles.

Run wires out through holes in the box. It's best to cover the unit with Plexiglas.

Running a household is financially difficult for everyone these days. With fluctuating gas prices, interest rates and rising unemployment rates everyone is waiting for the second shoe to drop, alternative energy resources are becoming a viable option for most homeowners.

Heat is much easier to store than electricity, a fact that gives CSP a crucial -- maybe the crucial -- advantage over wind and solar photovoltaic. Heating your water and providing your house with electricity are the two big things solar power can be used for. Using these two methods on your house will pay for themselves with the reduction of your electric bill.

Source : <http://solarpowerissues.blogspot.in/2009/10/information-about-solar-roof-tiles.html>