

Photovoltaic hollow solar sun room





Overview

How sloping should a solar room be?

Glazing for solar rooms should be vertical or sloped no more than 30° from vertical (at least 60° from horizontal). Before you build, however, talk to everyone you can find who has ever used glass in a sloping position, and ask about leaks.

Can a solar room heat a house?

The excess warmth from such a "solar room" can heat the house immediately, or if mass is added, heat can be stored for later use after the sun sets. Almost always, the solar room is warmer than the outdoor temperature, thus reducing heat loss from the building where the room is attached.

Can a solar room be used to build a house?

You can build your house compactly and the solar room will provide a feeling of large exterior wall and window area. Growing Plants; some things to remember An important function of some solar rooms is the growing of food-and flowers. Warm soil and sufficient light are critical for successful plant growth.

Can a solar room be used as a living space?

The solar room can be readily used as an expanded living space. You can build your house compactly and the solar room will provide a feeling of large exterior wall and window area. Growing Plants; some things to remember An important function of some solar rooms is the growing of food-and flowers.

Are solar rooms a good investment?

In general, solar rooms are most economical when you can use them for more than providing heat and when they are built to a quality that will both enhance the value of your house and appreciate in value as your house does. Solar rooms are often exempt from local property taxes. Check with your local



officials.

Are solar rooms expensive?

Solar rooms can be relatively simple to build, yet they can be very expensive if they are of the same quality and durability as the rest of your house. For example, with a few hundred dollars worth of materials, you can build a simple, wood-framed addition to your house to support thin-film plastics.



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The R& D team of Solar First developed the new BIPV curtain wall product with vacuum and insulating Low-E glass, which perfectly integrates photovoltaic, the renewable ...

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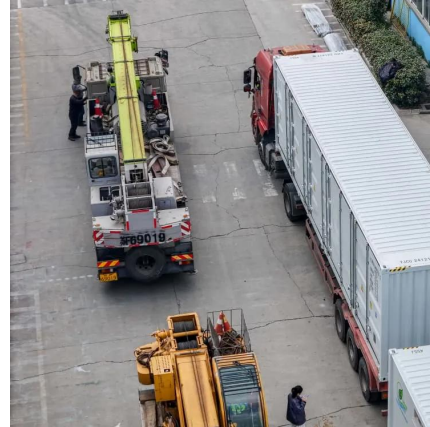


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