

## SolarInnovate Energy Solutions

# Photovoltaic glass ball



## Overview

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What is spherical glass solar energy generator?

comparison of the different existing solar energy providers render of the solar generator in context for building application the spherical glass solar energy generator uses the advantageous strategy of implementing a ball lens and specific geometrical structure to improve energy efficiency by 35%.

How does a sphere solar power generator work?

The Spherical Solar Power Generator works by using a large transparent sphere to focus diffused sunlight onto a small surface area of mini-solar panels. Because the solar panels used on the device are so small, its relative efficiency is increased. It is, in effect, an innovative form of other concentrated photovoltaic technologies (CPVs).

How does a spherical solar collector work?

The spherical collector also produces double the amount of yield of conventional solar panels, thanks to an additional feature in its design: Its dual-axis solar tracking system allows it to rotate according to the position of the sun, so that sunlight at any time of the day can be harvested.

What is a spherical crystal ball?

Aesthetically, it appears to be a spherical crystal ball, an idea that came from the mind of the German architect André Broessel. Eight years ago he began working on this piece with the goal of creating a more efficient and less expensive solar energy, a technology accessible to everyone in all parts of the world.

Could this sphere power generator be the future of solar energy?

Crystal balls have been telling fortunes in fairgrounds for many years, but this Spherical Sun Power Generator could be the future of solar energy. A German Architect has designed an innovative form of a solar power generator. Unlike

being flat or thin like other PV panels, this one is a giant transparent sphere! [see-also].

Why should you choose a beta ray solar spherical collector?

This is another reason why the Beta.ray surpasses traditional uni-directional solar panels in efficiency and flexibility. The spherical collector also boasts of further strengths unparalleled by other solar power inventions: It has 99% transparency, so it has minimal impact on visibility in urban areas.

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### **Spherical Glass Amplifies Solar Energy Collection**

Aug 28, 2012 · The spherical ball acts as a ball lens, and its specific geometric structure is said to improve energy efficiency by 35%. In contrast to traditional photovoltaic dual-axis solar panels, ...

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