

Glass bricks that can generate electricity, Or subvert the Old construction industry?



According to statistics, buildings around the world consume more than forty percent of the world's electricity

Isn't that a bit of an exaggeration? In fact, some of the buildings around the world already have their own power generation function - that is, the installation of solar panels. That is, solar panels or walls with common photovoltaic modules and photovoltaic buildings.

However, these solar panels are basically two kinds of dark blue and black.

So, can we have a new technology that allows buildings to convert solar energy into electricity without solar panels?

You don't say, it's true! Recently, the Exeter University in the UK, the Build Solar team developed a new technology pioneering composed of renewable energy experts, to accelerate the popularization of zero energy buildings through the integration of solar photovoltaic and building.

This is a different solar cell product. Simply speaking, it is a new type of glass block, with a crystal like crystal clear body, it can be said that solar cells in the color value!

Its name is Solar Squared! It looks like a piece of thick glass. And there are a lot of optical elements, and there are countless tiny solar cells.

When the sun shines on it, each optical element gathers the light on the battery.

It's solar power, and it can provide electricity for buildings, electric cars, or batteries.

Glass blocks can be seamlessly joined together to form a large glass window.

The transmittance is very good, just like ordinary glass windows.

And you can add heat insulation film inside it to avoid direct sunlight overheating.

At present, this glass brick is only a prototype, and it is expected to be put into the market in 2018. Their R & D team introduced that the glass brick is just the beginning, using this technology can transform many building materials. That is to say, some materials will generate energy in the future, which may subvert the entire construction industry.

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