

Espay Solar Energy S.L.

Solar glass energy-saving column



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Solar Glass Panels: A Window to Sustainable Energy

By generating clean, renewable energy, solar glass panels contribute to a reduction in greenhouse gas emissions and a smaller carbon footprint. They align perfectly with sustainable energy goals and are ...

Converting Sunlight to Electricity with Clear Solar Glass

To the naked eye, the product looks just like regular glass, but with the unique ability to harnesses the power of the sun, which turns any building into an energy-generating solar array.



Self-healing solar glass hits highest power and optical efficiency

These devices use semitransparent fluorescent glass that absorbs part of the sunlight, emits light, and directs it to solar cells placed on the edges for power generation.



Sustainable Building , Seves

Glassblock

With its energy-saving, self-cleaning and solar reflective characteristics, glass block is the best solution for sustainable building projects.



 **Efficient Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Oversizing
- Max. PV Input Current 15A, Compatible with High Power Modules

 **Intelligent Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type SPD prevent lightning damage
- Battery Reverse Connection Protection

 **Flexible Abundant Configuration**

- Plug & Play, EPS Switching Under 30ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 Units Inverters Parallel
- AFC Function (Optional) when an arc fault is detected the inverter immediately stops operation

Photovoltaic glass: the perfect fusion between energy efficiency and

These innovative solar panels are integrated into the glass offering a unique combination of functionality and aesthetics, allowing to harness solar energy efficiently without sacrificing architectural design.

Understanding Solar Control Glass 101: A Comprehensive Guide

Learn all about solar control glass in this comprehensive guide. Discover its benefits, types, and applications, and how it can improve the energy efficiency.



Energy Saving Glass

AGC's energy-saving glass solutions help reduce energy consumption in buildings by improving insulation and minimising

heat transfer. Our range of low-emissivity (Low-E) and solar control glass ...



Solar Glazing: Energy-Efficient Glass with Revolutionary Benefits

Learn how this innovative glass technology can save on energy costs, provide superior insulation, and protect from UV rays, all while generating renewable energy.



Photovoltaic Glass: The Perfect Fusion of Solar Energy and ...

Discover what photovoltaic glass is, how it works, and how to integrate solar energy and automation into homes and businesses efficiently and sustainably.



Photovoltaic Glass Columns: Merging Sustainable Energy with ...

That's the promise of photovoltaic (PV) glass columns. Combining aesthetics with clean energy generation, these structures are redefining urban

landscapes. Whether you're an architect,

...



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