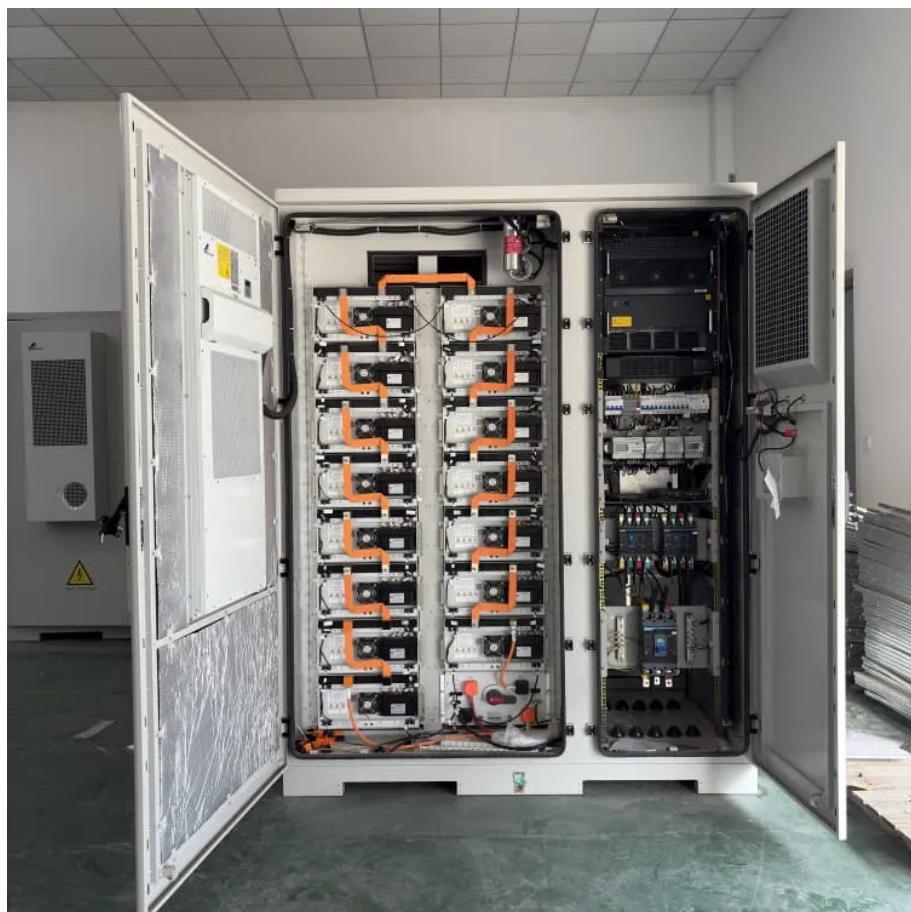




MODERNIZATION SOLAR

# Insulating glass solar panels





## Overview

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What is photovoltaic smart glass?

Photovoltaic glass, also known as solar glass or transparent solar panels, is a type of smart glass that uses embedded photovoltaic cells to convert sunlight into electricity to generate electricity.

What is a solar insulated glass unit?

Solar-insulated glass units that Metsolar produces can vary in composition, size, fixing options, and light transmittance. Adjustments are based on the specific project requirements to meet the regulatory environment of installation. IGU with embedded solar cells can be used for both façades (curtain walls) or roofs (skylights).

What is a PV IGU (insulated glass unit)?

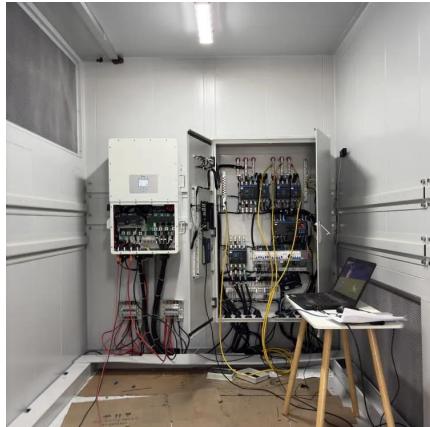
PV IGU (Insulated Glass Unit) - double or triple glazed solar panel with thermal insulation for solar windows for PV skylight and facades.

Which solar glass products are suitable for thin film photovoltaic technology?

Range of coated solar glass products designed for thin film photovoltaic technologies, including a comprehensive choice of TCO glass (Transparent Conductive Oxide coated glass) products with haze and conductivity levels optimised to suit each specific thin film photovoltaic solar technology, also available on low iron glass.



## Insulating glass solar panels



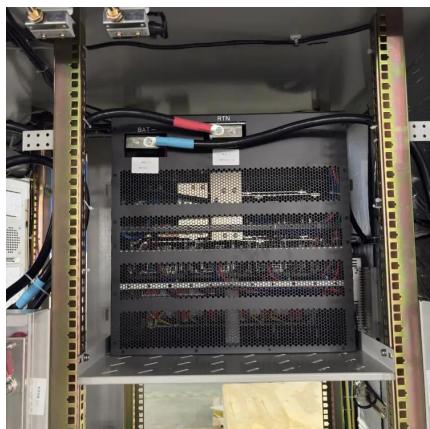
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Foam glass offers superior thermal insulation and durability for photovoltaic panels, reducing energy loss and enhancing panel lifespan compared to traditional solar glass. Solar glass,

...

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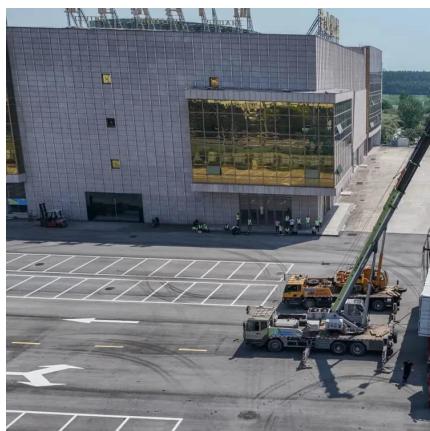
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## **Our Range**

Glass is a durable, highly transparent material making it an obvious choice for solar energy applications. Our extra clear solar glass offers superior solar energy transmittance and is ...

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