

What is a dual-glass module?

Dual-glass type modules (also called double glass or glass-glass) are made up of two glass surfaces, on the front and on the rear with a thickness of 2.0 mm each. Some manufacturers, in order to reduce the weight of the modules, have opted for a thickness of 1.6 mm. DualSun has chosen to stay with a thickness of 2.0 mm for reasons explained below.

What is a glass-glass module?

Glass-Glass module designs are an old technology that utilises a glass layer on the back of modules in place of traditional polymer backsheets. They were heavy and expensive allowing for the lighter polymer backsheets to gain the majority of the market share at the time.

Who is glassai?

GlassAI is your reliable partner in upgrading and building new automotive glass manufacturing lines. We are specialized in developing customized manufacturing solutions including windshield bending furnaces and press modules, but we can also support you with smaller modifications and spare parts.

What is the thickness of a glass module?

The thickness of the front glass generally used for this type of structure is 3.2 mm. Dual-glass type modules (also called double glass or glass-glass) are made up of two glass surfaces, on the front and on the rear with a thickness of 2.0 mm each.

What is a glass-backsheet module?

In the case of a glass-backsheet module, not only is the upper glass layer thicker (3.2 mm versus 2.0 mm) but also this layer is fully tempered glass, whereas in the case of a thickness of 2.0 mm, the glass is only semi-tempered due to technical limitations of the tempering process.

What are I-Topcon double glass PV modules?

The new i-TOPCon double glass PV modules integrate these N-type bifacial i-TOPCon cells with over 80% bifaciality, multi-busbar (MBB) design, full square monocrystalline cells, dual-side and half-cut technologies.

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Tepcomp Group is a leading Finnish industrial contract manufacturer that has been operating since 1985. As a contract manufacturer specialised in electronics, we focus on health care technology and industrial electronics. ... Tepcomp Oy is participating in Tampere, Finland, Subcontracting Trade Fair on 1st to 3rd of October This

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is a very good ...

They are specifically designed to separate and maintain the distance between the two panes of glass in a double or triple glazed window. Their primary function is to create a sealed airspace between the glass panes, which helps ...

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Tampere. Tampere is another key city for the solar energy sector in Finland. Known for its strong industrial base and technological expertise, Tampere boasts a thriving ecosystem for solar panel manufacturers. The city's emphasis on research and development, coupled with state-of-the-art manufacturing facilities, makes it an attractive location for companies looking to innovate and ...

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Moreover, Ecoprogetti develops also solutions to complete turnkey lines for the manufacturing of photovoltaic modules. Our packages consent to any company to start production of high-quality modules in a very short time. ... SAEL's New Double Glass TOPCon Panel Production Line by Ecoprogetti November 21, 2024. Events. 0. Ecoprogetti at E ...

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Glass-glass solar modules (bifacial modules) increase energy production by approximately 2% to 5% compared to traditional glass-backsheet modules, thanks to their ability to capture light from both sides. They are particularly ...

The Glass Performance Days (GPD) 2025 will take place from Tuesday to Thursday, 10-12 June 2025, at the Nokia Arena in Tampere, Finland. With interactive sessions, conference presentations and the Step Change

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programme, visitors will also have the opportunity to expand and update their knowledge and there will be plenty of room for networking.

The double glass component can be made into various colors. Secondly, it can be extended in many forms, and can be processed into a medium to pass structure to insulate the heat or noise. It can also be made into all kinds of light transmittance to meet the lighting requirements of the building.

The story of Iittala began in 1881, when the glass factory was first founded in the village. Today, the factory, which nowadays operates as part of the Fiskars Group, is the only one of its kind in Finland and continues the long tradition of Finnish glass manufacturing. Even today, the skilled glass blowers at the factory make, among other ...

Company Leverages Tampere's Imaging Ecosystem and Local Technological Expertise. The quality of images captured by consumer mobile phone cameras is set to significantly improve in the coming years. U.S.-based leading AI-driven imaging company, Glass Imaging, has announced the opening of a new office in Tampere, Finland. ""We are building a ...



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