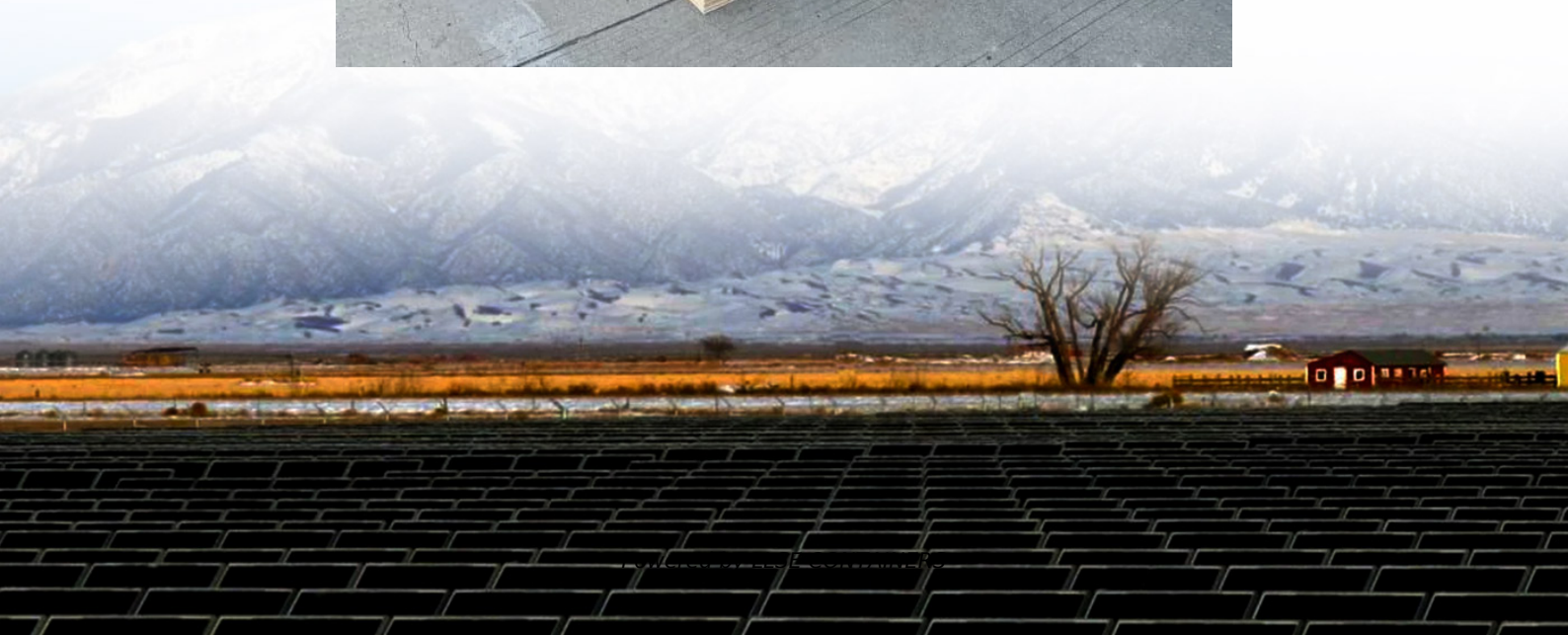


Flexible double glass components





Overview

What is a double glass facade?

The “Double Glass Facade” option is used in a basic simulation model, and it is then further developed and modified to meet the functionality requirement identified for the flexible DSF module concept.

How accurate is a flexible double-skin facade model?

The accuracy of the predictions of the new model for a flexible double-skin façade was in line with that obtained by the conventional “Double Glass Facade” component to simulate traditional double-skin facades.

What is the glass4flex joint project?

Within the framework of this project, Fraunhofer FEP is developing new applications for ultra-thin and rollable glass in collaboration with cooperation partners. The Glass4Flex joint project ensures a completely coordinated process chain from the manufacturer to functionalization in the production of ultra-thin glass.

What is a double glass c-Si PV module?

Recently several double-glass (also called glass-glass or dual-glass modules) c-Si PV modules have been launched on the market, many of them by major PV manufacturers. These modules use a sheet of tempered glass at the rear of the module instead of the conventional polymer-based backsheet. There are several reasons why this structure is appealing.



Flexible double glass components

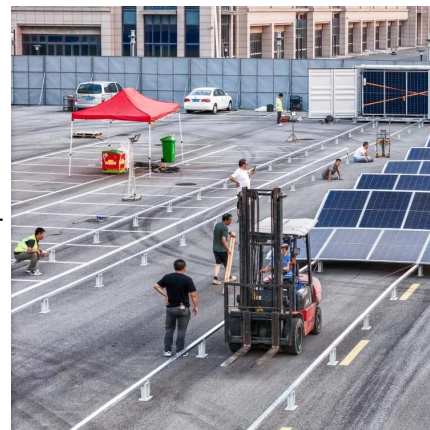


[Double-glass PV modules with silicone encapsulation](#)

May 21, 2024 · Introduction Recently several double-glass (also called glass-glass or dual-glass modules) c-Si PV modules have been launched on the market, many of them by major PV ...

[Double Glazing Components , Products , FG Trading \(Pty\) Ltd](#)

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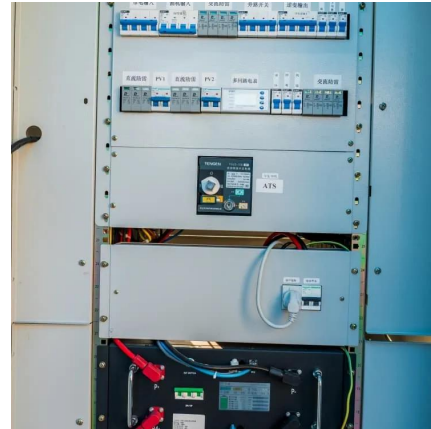
[Advantages of Raytech Double-glass Modules with Flexible ...](#)

Dec 30, 2020 · Raytech focuses on the installation of double glass components, and makes in-depth research on the installation of double glass components. Through the flexible installation ...



[Flexible barriers: will flexible glass become the ...](#)

Feb 12, 2019 · IDTechEx Research Article: This article from IDTechEx examines whether flexible glass is the ultimate solution for flexible ...



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Flexible Glass

Ultra-thin glass has excellent surface properties as well as low substrate roughness. The properties of this new material make it ideal as a substrate for a range of future applications in ...



[Development of Timber-Glass Double-Skin Façade Element ...](#)

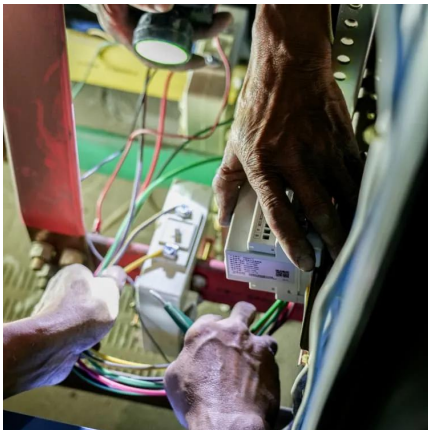
Nov 20, 2024 · 2.1 Development of the Prototype of Double-Skin Façade Element: Architectural and Technical Design As part of the DOM + project [9], we have developed various DSF ...





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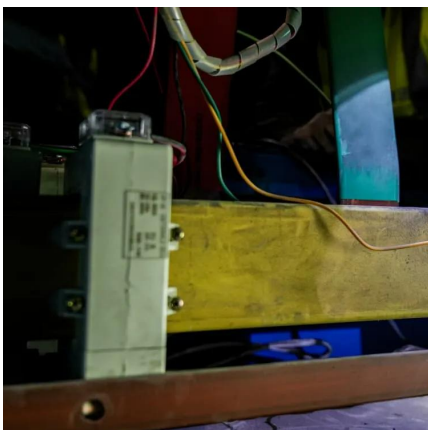


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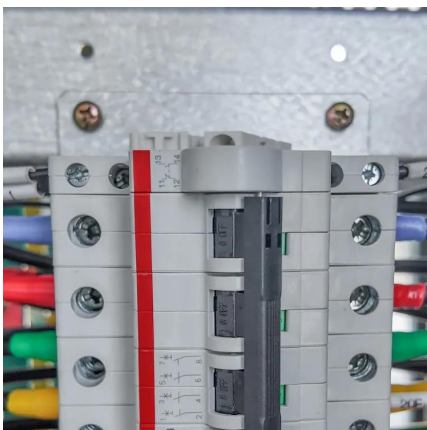


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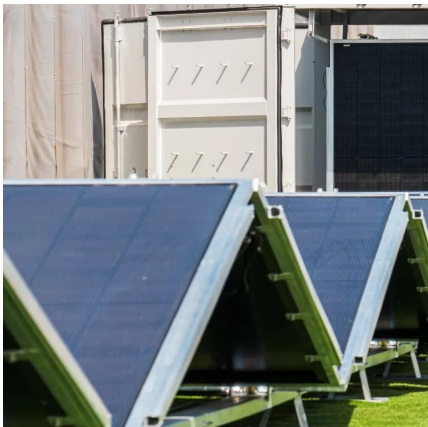
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The cover plate of the double-glass module conventionally uses 2.0mm or 2.5mm ultra-white embossed solar tempered coated glass (our company can make the thinnest 1.6mm). The ...



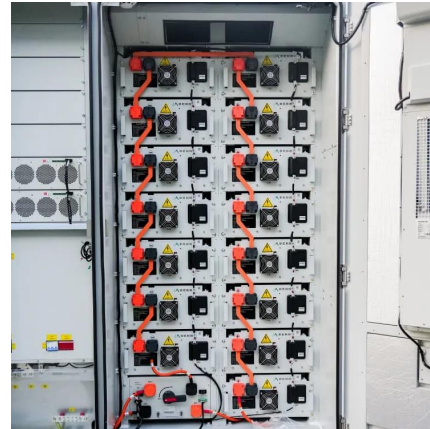
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