

# Solar glass and smart glass





## Overview

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Unlike solar control glass, which passively reduces UV and infrared radiation through fixed coatings, smart glass responds to electrical stimuli to modulate shading and glare in real time. What is Solar Smart glass?

Solar Smart Glass sets the standard in solar control glass. Manual and automatic tuning and variable / dimmable functionality for precise, unrivalled control of solar glare and heat. Made-to-order panels featuring Suspended Particle Device (SPD) film between 2 or more sheets of glass.

What is solar control smart glass?

Delivering made-to-order switchable glass solutions for more than 20 years. spaces that adapt to users' needs at the flick of a switch. Solar control smart glass controls solar glare and reduces the thermal transmittance through a glass façade, directly cutting down on associated HVAC costs.

Does Solar Smart glass reduce glare?

Solar smart glass offers unrivalled control of solar glare and has been shown to reduce the thermal transmittance through a glass façade which directly cuts down on associated HVAC costs. It can be manually or automatically "tuned" to precisely control the amount of light, glare and heat passing through a window.

How does Solar Smart glass work?

It can be manually or automatically "tuned" to precisely control the amount of light, glare and heat passing through a window. Solar Smart Glass sets the standard in solar control glass.



## Solar glass and smart glass

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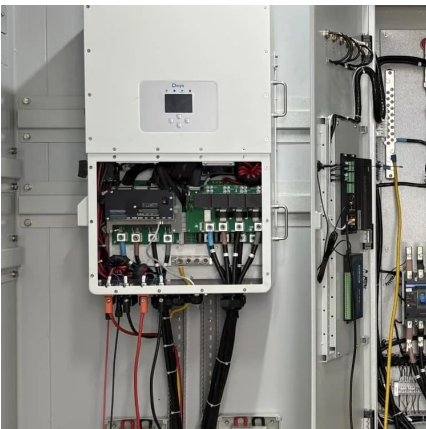


### [Smart Glass Technology And Its Applications](#)

Sep 10, 2024 · Smart glass transforms from clear to opaque, offering privacy and solar control. Ideal for various applications, it enhances architectural designs and interior spaces.

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### [Solar Control Glass , Switchable Smart Glass](#)

Solar control smart glass controls solar glare and reduces the thermal transmittance through a glass façade, directly cutting down on associated HVAC costs.

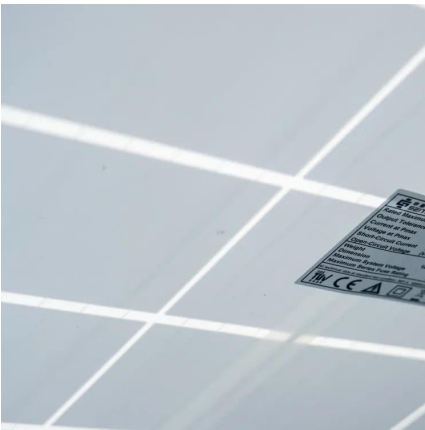
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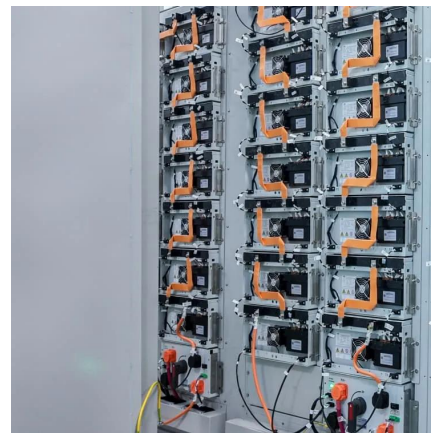
### [Solar control glass vs. smart glass for switchable partitions](#)

Solar control glass reduces heat and glare by filtering solar radiation, improving energy efficiency in switchable partitions. Smart glass offers dynamic transparency control, enabling privacy and ...



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Apr 30, 2021 · ClearVue is providing solutions to decarbonization in the construction industry by bringing clear solar glass with measurable ...



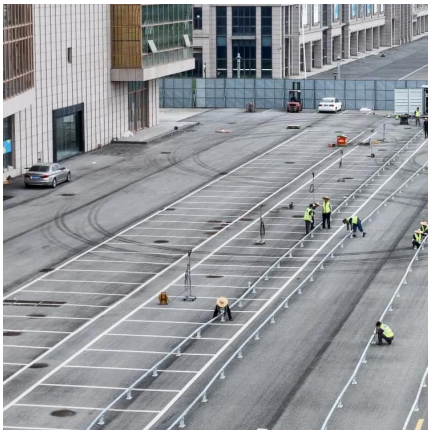
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Photovoltaic smart glass converts ultraviolet and infrared to electricity while transmitting visible light, enabling sustainable daylighting.



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Jun 6, 2022 · Photovoltaic smart glass converts ultraviolet and infrared to electricity while transmitting visible light, enabling sustainable daylighting.



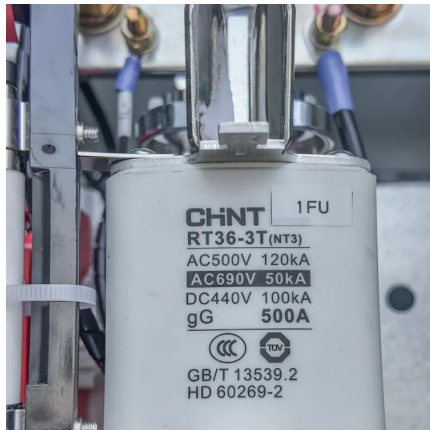
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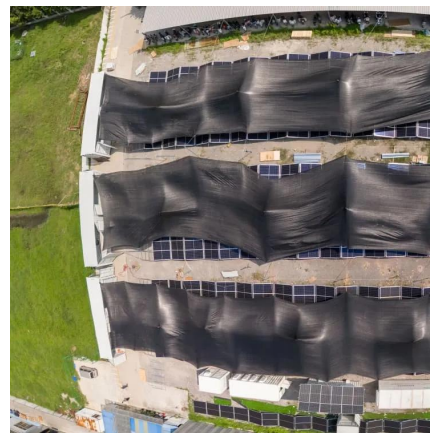


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### [Large-area smart glass and integrated photovoltaics](#)

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