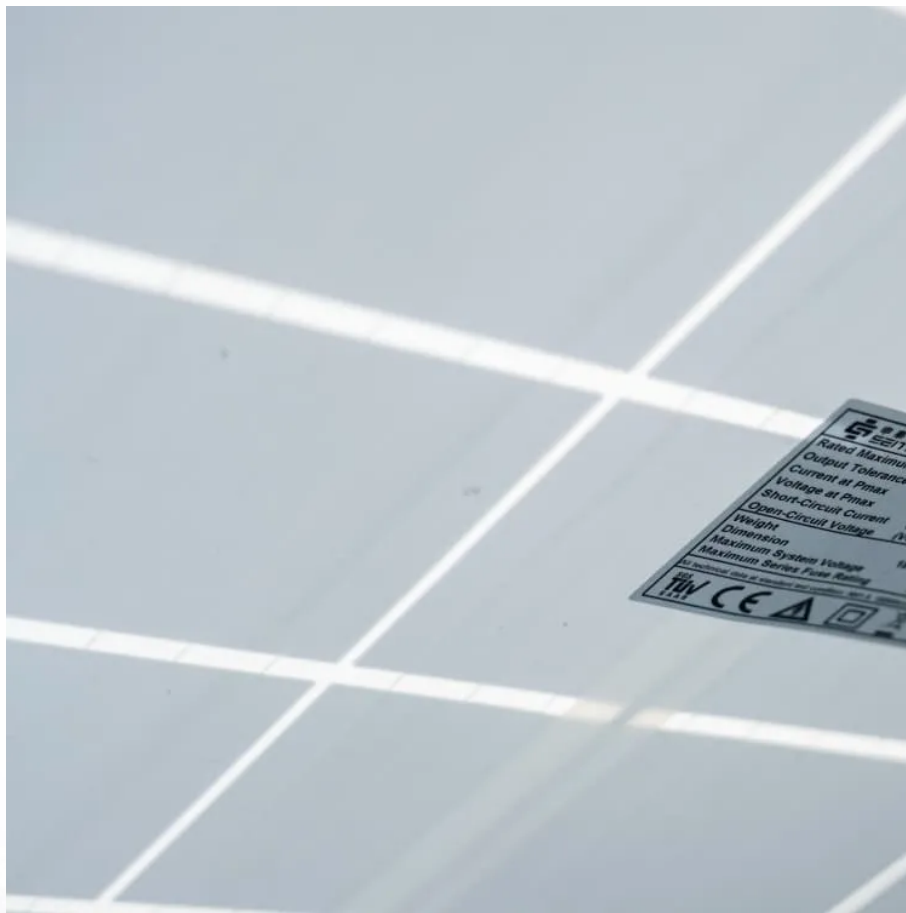


Solar glass light transmittance requirements





Overview

What is visible light transmittance?

Visible Light Transmittance (T_v , %) is the percentage of incident light in the wavelength range of 380 nm to 780 nm that is transmitted by the glass.

Visible Light Outdoors/Indoors ($R_{e\ out/in}$, %) is the percentage of incident solar energy directly reflected by the glass.

What is solar energy direct transmittance (T_e)?

Solar Energy Direct Transmittance (T_e , %) is the percentage of incident solar energy in the wavelength range of 300 nm to 2500 nm that is directly transmitted by the glass. Solar Direct Reflectance Outdoors/Indoors ($R_{e\ out/in}$, %) is the percentage of incident solar energy directly reflected by the glass.

What is visible light transmittance (VLT)?

Visible light transmittance (VLT) is a percentage of the visible portion of the solar energy spectrum coming through the glass. It is expressed as a figure between 0 (no light) and 100 (all light). This value measures the ability of the glass to transmit light and facilitate daylighting.

What is the difference between visible light transmittance and visible light reflectance?

Visible Light Transmittance (T_v , %) is the percentage of incident light in the wavelength range of 380 nm to 780 nm that is transmitted by the glass.

Visible Light Reflectance Outdoors/Indoor ($R_{v\ out/in}$, %) is the percentage of incident visible light directly reflected by the glass.



Solar glass light transmittance requirements



[Photovoltaic glass panel transmittance standard](#)

The type of solar glass directly influences the amount of solar radiation that is being transmitted. To ensure high solar energy transmittance, glass with low iron oxide is typically used in solar ...

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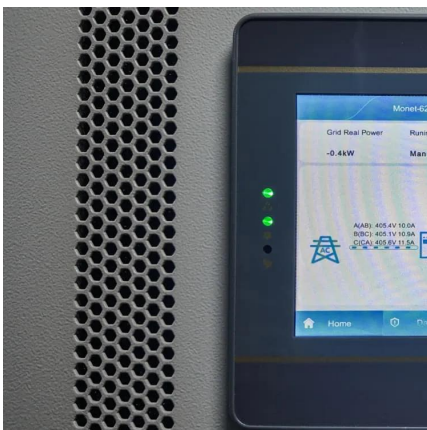
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