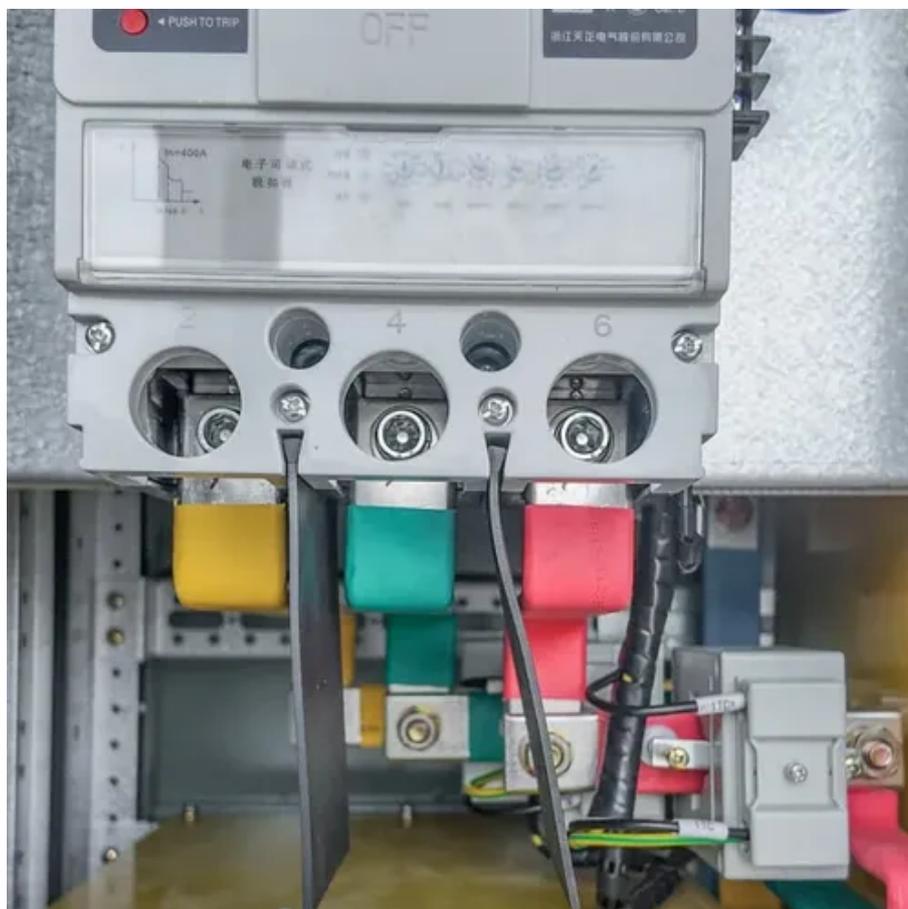




50 transmittance solar glass





50 transmittance solar glass



9. Solar Heat Gain through Windows

When solar radiation strikes a glass surface, part of it (about 8 percent for uncoated clear glass) is reflected back to outdoors, part of it (5 to 50 percent, depending on composition and thickness) is ...

Definitions of Key Terms

% Solar Transmittance (T-sol): The ratio of the amount of total solar energy in the full solar wavelength range (300-2,500 nanometers) that is allowed to pass directly through a glazing system (e.g., a ...

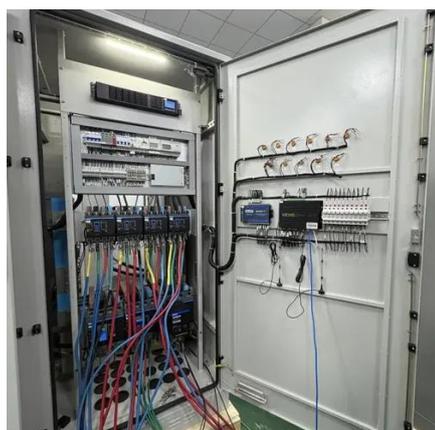


Performance GUIDE

Selecting glass for a project is an important and sometimes difficult task, to assist in this process G.James offers the following recommendation for viewing glass samples.

Performance value terms

Solar Energy Direct Transmittance (Te, %) is the percentage of incident solar energy in the wavelength range of 300 nm to 2500 nm that is directly transmitted by the glass.

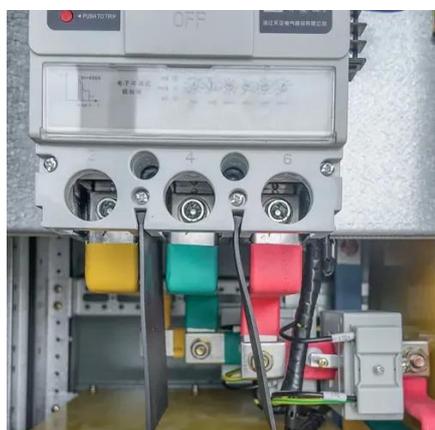
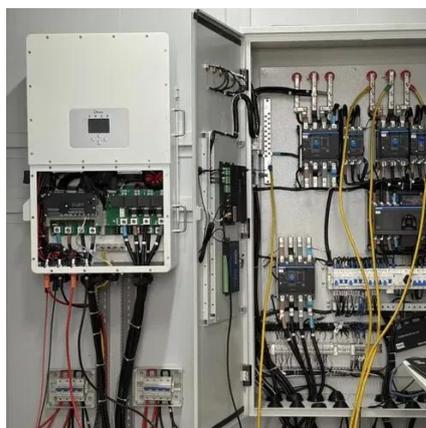


Performance Data

Use the following product selection tool to find specific glass products by their performance statistics. By filtering by Visible Light Transmission, Solar Heat Gain, Reflectance and U-Value you can find a ...

Key Glass Performance Measures

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). ...



Spectral transmission of solar radiation by plastic and glass materials

The study of the transmission of the UVB from 300 nm, UVA, VIS and NIR bands through methacrylate, smoked glass, APC, PC and fibreglass surfaces indicates that methacrylate and ...



Glass Performance Calculator

Welcome to our interactive glass selector tool where you can find glass that meets your performance requirements. To get started, input your required performance data below.



- 50KW/100KWH
- HIGHER POWER OUTPUT IN OFF-GRID MODE
- CONVENIENT OPERATION & MAINTENANCE
- PRE-WIRED

Insulation glass

Solar control glass should generally be toughened for glass combinations with radiation absorption that clearly exceeds 50%. In contrast to conventional insulation glass combinations, Isopane solar control ...

Solar Transmittance

Solar transmittance can be altered by the addition of glass coatings, etchings, solar films, and more. It is measured as a percentage where 100% would be completely clear and transmit all the light, while ...

TAX FREE

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW/115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled



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