

Requirements for solar glass in and out of warehouse





Overview

How will China respond to a growing demand for solar glass?

To do this, China is rapidly ramping up wind and solar farms, among other things. From 2021 to 2030, the government plans to add 80 to 160 gigawatts of solar capacity annually. This implies a sharp increase in demand for solar glass, and the glass manufacturer will have to respond to it.

What size glass can be used for Chinese solar panels?

With Grenzebach's pattern glass lines, glass thicknesses from 1.5 to 6 mm are possible. Manufactured glass plates range from 1,200 mm x 2,400 mm to 2,650 mm x 2,800 mm – matches perfect for Chinese solar panels. The capacity of one line varies typically from 125 to 300 tons per day.

How much solar glass will China have in 2021?

From 2021 to 2030, the government plans to add 80 to 160 gigawatts of solar capacity annually. This implies a sharp increase in demand for solar glass, and the glass manufacturer will have to respond to it. In China alone, the installation of more than 160 pattern glass lines specifically for the solar market is planned.

Why is a special pattern used for solar glass production?

For the production of solar glass, a special pattern is used so that sunlight falling in the module is focused towards the solar cell and thus increasing the efficiency of the module. Nowadays, melting furnaces with up to 1,200 tons of glass melting capacity are installed in new and more advanced pattern glass lines.



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ISO 23237:2023

Nov 25, 2023 · constitutes following docum references, requirements latest edition document. in referenced document references, such a way (including amendments) ISO 9050:2003, Glass ...

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