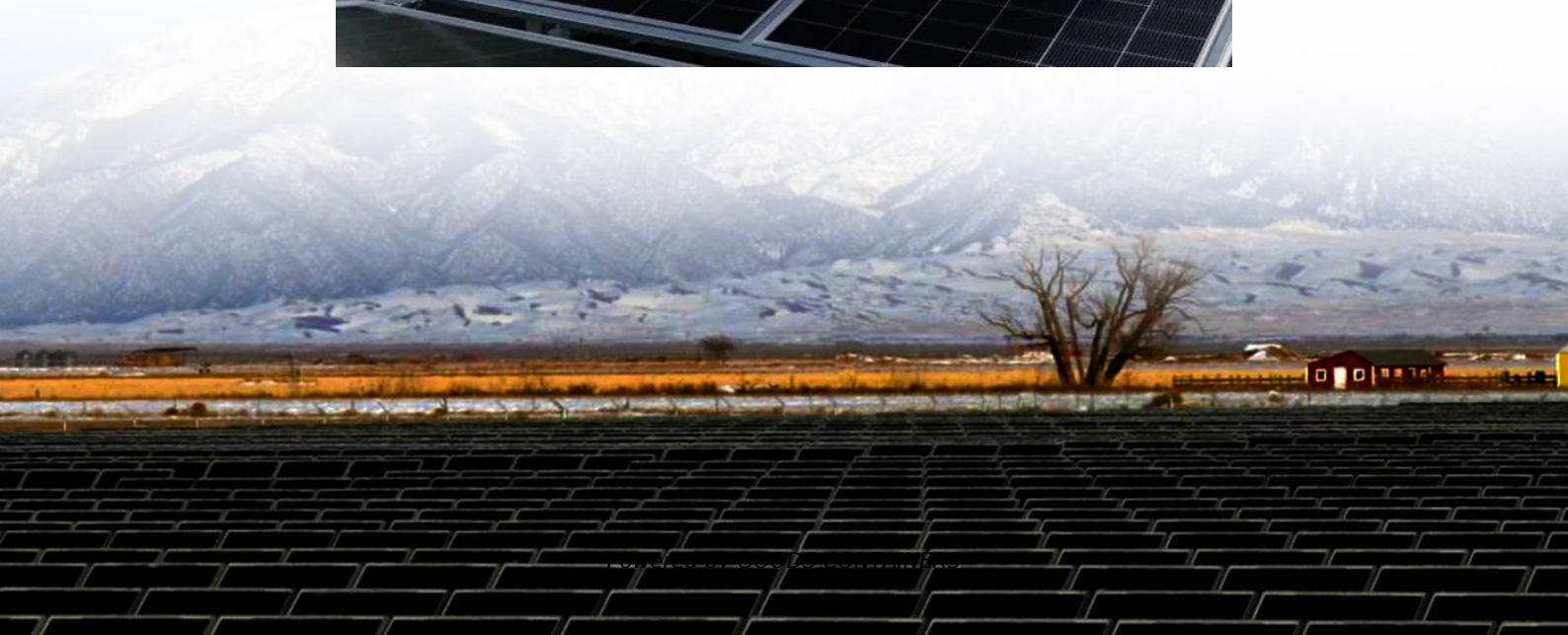


Solar glass fabric pattern is super large





Overview

How many production lines are there for patterned solar glass?

Today there are just a few production lines worldwide capable to melt and form 2.0 mm patterned solar glass efficiently. Today there is only one producer capable to process and sell 2.0 mm patterned solar glass economically (at one location) with the required glass qualities e.g. strength, dimensions and tolerances.

Is there a market for patterned solar glass?

Today there is only one producer capable to process and sell 2.0 mm patterned solar glass economically (at one location) with the required glass qualities e.g. strength, dimensions and tolerances. The higher the transmission of the glass, the higher is the energy output of a PV module and therefore Structuring & AR Coating need to be combined.

What are the advantages of patterned solar glass?

2.0 mm patterned solar glass will, due to the following reasons, account for approx. 75% of the global demand in 2020: The different glass melting and forming process (in comparison with Float Glass) Logistical advantages using smaller production units (in comparison with Float Glass) resulting in lower costs per m².

Where is solar patterned glass made?

More than 50% of all the patterned glass for solar applications is produced in China. The market demand in 2011 for solar patterned glass was about 105 Mio. m² whereas the production capacity was/is at least 30% higher resulting in strong competition, consolidation - and in China as well - and lower prices finally.



Solar glass fabric pattern is super large

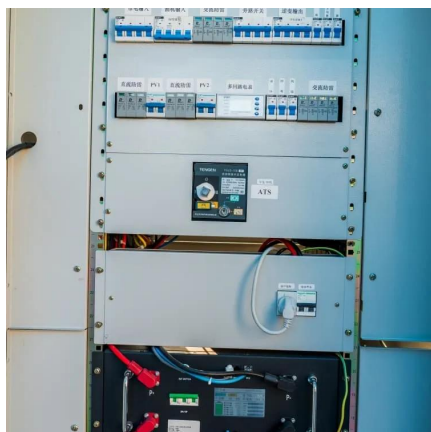


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For the production of solar glass, a special pattern is used so that sunlight falling in the module is focused towards the solar cell and thus



increasing the efficiency of the module.
Nowadays, ...



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