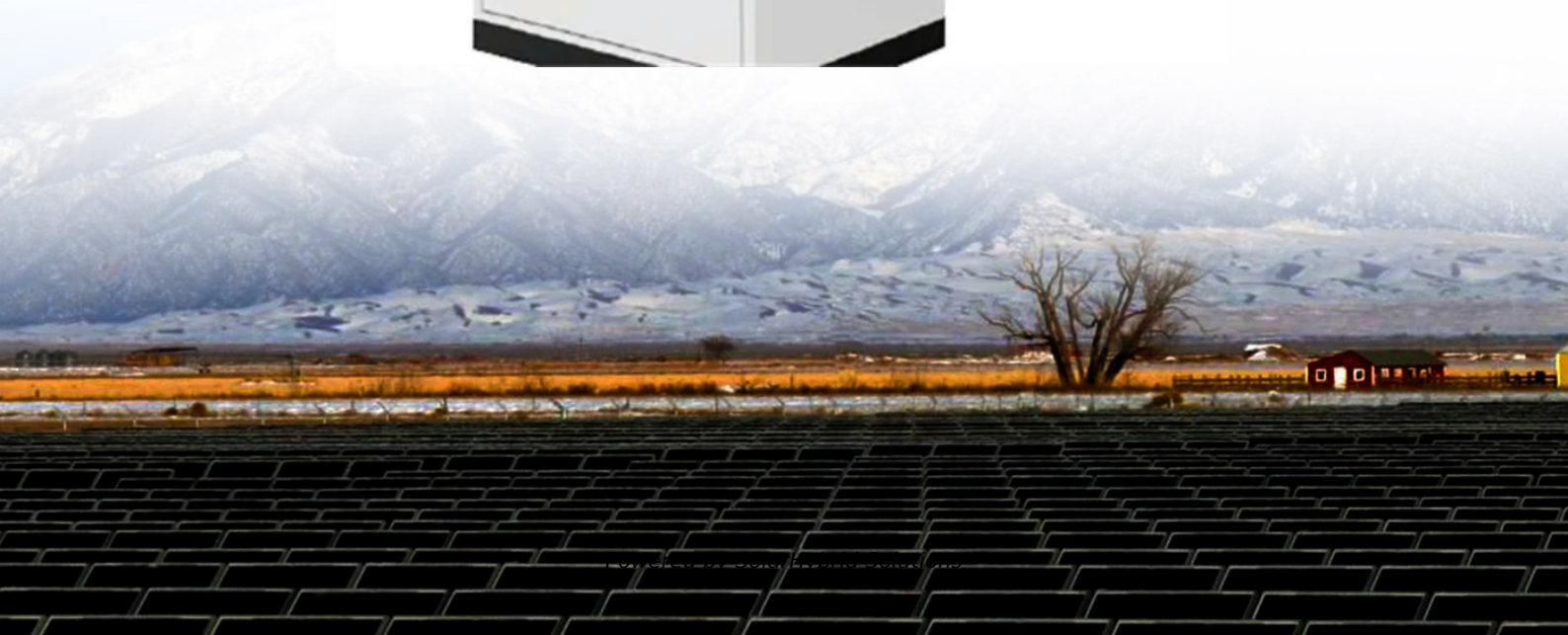


Buildings with built-in solar panels container China





Overview

How big is China's solar capacity?

In the first five months of the year, China's overall installed solar capacity was 24GW – a year-on-year increase of close to 140%. This is largely driven by “clean energy bases” – unprecedented concentrations of large-scale solar projects in China's deserts and on barren land.

Will new buildings be covered by solar panels by 2025?

On Wednesday, the housing department and the National Development and Reform Commission, which oversees strategic planning, announced a plan for new-build public buildings and factories in town and cities to be covered at 50% by solar panels by 2025. It complements a policy to install solar PV on existing buildings.

Can local authorities install solar PV on existing buildings?

It complements a policy to install solar PV on existing buildings. In September 2021, the National Energy Bureau promoted a pilot scheme that allows local authorities to partner with solar developers, often state-owned companies, to meet rooftop solar targets for different sectors.

Why are China's solar power plants growing so fast?

“The blistering growth in China's solar power installations this year is largely driven by distributed/rooftop projects,” tweeted Lauri Myllyvirta, of the Centre for Research on Energy and Clean Air, who described the policy as “ambitious and smart”. Over the rainbow: The role of hydrogen in a clean energy system, explained.

Will solar panels help decarbonise China's Energy System?

Almost all the available surfaces in China are going to be covered by solar panels, with big projects covering the deserts and small projects covering the rooftops.” The rooftop solar programme, she added, will “no doubt help to



decarbonise China's power sector and help with the energy system transition".

How many areas will be covered by solar panels in 2023?

By the end of 2023, the bureau proposed to cover with solar panels 50% of rooftop space on party and government buildings, 40% of schools, hospitals and other public buildings, 30% of industrial and commercial spaces and 20% of rural households. A total of 676 counties from 31 provinces have registered for the scheme.



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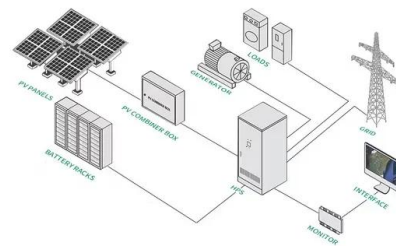


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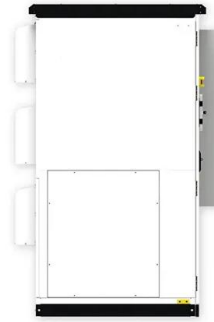




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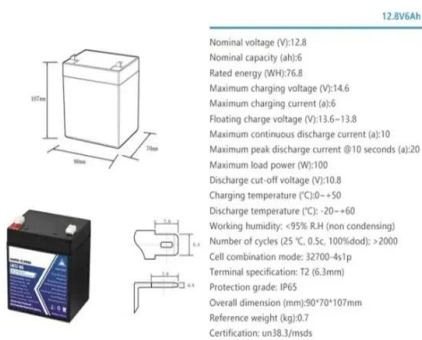
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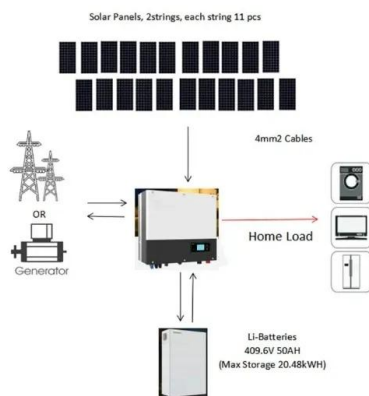




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