

# **6 of the solar container storage capacity of solar power stations**





## Overview

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Will solar power be co-located with storage by 2060?

Almost half of all global solar capacity will be co-located with storage by 2060, compared to around 2% today, a new report published by DNV predicts. The Energy Transition Outlook 2025 report says that solar power will account for 47% of electricity generation worldwide by 2060, increasing fivefold from 2024.

How big is China's energy storage capacity?

According to CNESA data, the capacity of independent energy storage stations planned or under construction in China in the first half of 2022 was 45.3GW, accounting for over 80% of all new energy storage projects planned or under construction.

How big will electrochemical energy storage be by 2027?

Based on CNESA's projections, the global installed capacity of electrochemical energy storage will reach 1138.9GWh by 2027, with a CAGR of 61% between 2021 and 2027, which is twice as high as that of the energy storage industry as a whole (Figure 3).

Which countries will have more co-located solar-plus-storage capacity by 2060?

This trajectory is expected to lead to some regions of the world, namely the Middle East and North Africa, the Indian Subcontinent, South East Asia and Sub-Saharan Africa, having more co-located solar-plus-storage capacity than standalone solar capacity by 2060.



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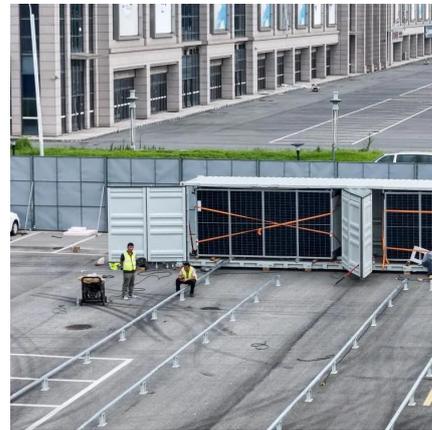
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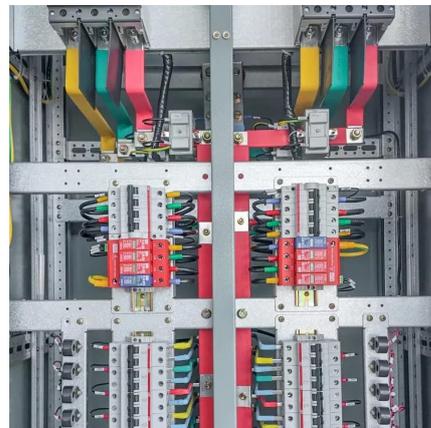
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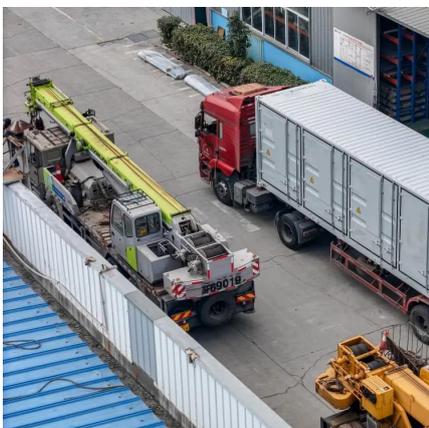
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The renewable power capacity data shown in these tables represents the maximum net generating capacity of power plants and other installations that use renewable energy sources ...



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