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# East Asia Energy Storage Power Station Manufacturing Plant





## Overview

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Will Tesla build a grid-scale battery energy storage station in China?

Tesla has officially signed a ¥4 billion (C\$764/US\$557 million) deal to build its first grid-scale battery energy storage station in China, leveraging its Megapack technology.

Where is Tesla's new megapack plant located?

The station will be located in Shanghai, adjacent to Tesla's new Megapack manufacturing facility, which began full-scale production in February 2025. Tesla's Megapacks are large lithium-ion battery systems designed for utility-scale energy storage. These systems store energy and discharge it to the grid during periods of peak demand.

Why is Tesla building a large-scale energy storage facility in China?

Their growing use helps stabilize power grids, prevent outages, and reduce reliance on fossil fuels. This project is Tesla's first large-scale energy storage installation in China, complementing its existing automotive manufacturing presence in the city through Giga Shanghai.

Why is Tesla launching a new power plant in Shanghai?

These innovative solutions contribute to grid stabilization, facilitate the integration of renewable energy, and provide essential backup power. The Shanghai facility will boast an annual capacity to produce 10,000 Megapacks, equivalent to a total storage capacity of 40 gigawatt-hours, underscoring Tesla's ambitious drive in the energy sector.



## East Asia Energy Storage Power Station Manufacturing Plant



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### **CEEC-built world's first 300 MW compressed air energy storage plant**

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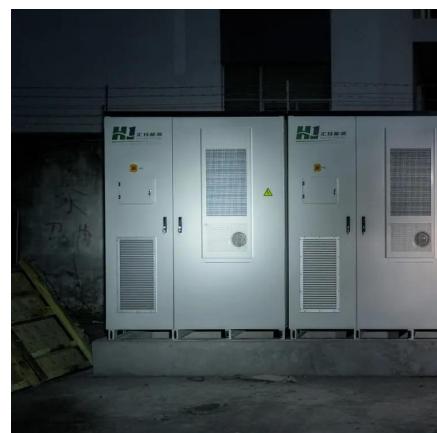
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### **Tesla Signs \$557 Million Deal to Build First Grid-Scale Megapack Energy**

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## [China's largest standalone battery storage project powers up](#)

For Inner Mongolia, which is positioning itself as a national energy and strategic resource base, the plant is expected to provide a cornerstone asset for the emerging new-type ...

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## Tesla is set to build its biggest energy storage facility in China

The power station is expected to be completed by the end of 2025 and will deliver around 300 megawatt-hours (MWh) of electricity storage capacity in its first phase.

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## Tesla's Shanghai Megapack Factory: Revolutionizing Global Energy Storage

Tesla is set to shake up the energy storage world with its new Gigafactory in Shanghai nearing completion. Slated to start production by Q1 2025, this facility promises to ...

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