

# **Energy storage power generation project**





## Overview

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Which energy storage station project was successfully connected to the grid?

Source: ASIACHEM WeChat, 1 April 2025 The 101MW/205MWh energy storage station project constructed by CHN Energy I&C for the Guoneng Penglai Power Generation Co., Ltd. was successfully connected to the grid on 29 March.

What is Tesla's Shanghai megafactory project?

The project will feature a 6-MW photovoltaic power generation system and an 8-MWh energy storage system. Tesla (NASDAQ: TSLA) Shanghai Megafactory will be equipped with an energy storage system that will store green power like a "giant power bank" and supply power when needed.

What are the four types of energy storage technologies?

This marks the first domestic shared storage demonstration project to integrate four types of new energy storage technologies—lithium iron phosphate, sodium-ion, vanadium flow, and flywheel storage—signaling a transformative step toward high-quality construction and efficient utilization of storage systems.

What energy storage system does Tesla use?

All of its energy storage units will use Tesla's Megapack electrochemical energy storage system produced at the Shanghai Megafactory. The electricity generated by the photovoltaic system will be directly supplied to the Megafactory, with excess power automatically stored in the Megapack for future use.



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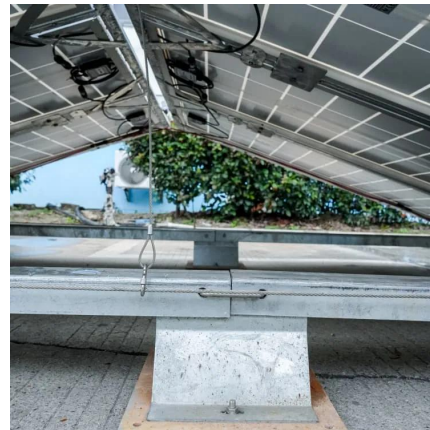


### [Tesla equipping Shanghai Megafactory with 'giant power bank'](#)

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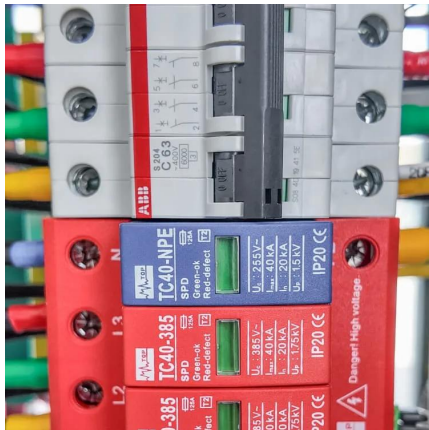
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