



# Shangao New Energy Storage Power Station Project





## Overview

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The project will be implemented by Shanghai Kang'ao Energy Technology Co., a subsidiary of China Kangfu, and will utilize Tesla's Megapack energy storage products to build the world's first gigawatt-hour-level grid-side standalone ESS power station and. On June 20, 2025, the Shanghai Municipal Government, China Kangfu, and Tesla (Shanghai) Co. officially signed a cooperation agreement, and the construction of a GWh-level Energy Storage System (ESS) power station and supporting industrial park, with a total investment of approximately 4. Tesla has signed its first deal to build a grid-scale battery power plant in China. company posted on the Chinese social media service Weibo that the project would be the largest of its kind in China when completed. The. Tesla is deepening its presence in China with a RMB 4 billion (USD 556 million) investment in its first grid-connected energy storage project on the mainland. The initiative positions Tesla at the center of China's expanding grid infrastructure and opens new pathways for grid services in the.



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### Lithium battery parameters

Product capacity: 100Ah

Product size: 135\*197\*35mm

Product weight: 1.82kg

Product voltage: 3.2V

internal resistance: within 0.5



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It is the main project of "key technology research and engineering demonstration for high-reliability and high-flexibility new-type virtual power plants with centralized energy storage power stations as the ...

### [Tesla signs agreement to build its first Chinese grid-side energy](#)

US electric car maker Tesla signed an agreement on Friday for its first grid-side energy storage project in the Chinese mainland, according to a statement the company sent to the Global ...



### [Tesla agrees to build China's largest grid-scale battery power ...](#)

"After completion, this project is expected to become the largest grid-side energy storage project in China."



### [China's Kangfu Teams Up With Tesla on USD556 Million Energy Storage](#)

(Yicai) June 23 -- Chinese clean energy company Kangfu International Leasing is joining forces with US electric vehicle giant Tesla to construct an energy storage power plant in Shanghai costing CNY4 ...



### [Tesla to build first grid-scale power plant in China](#)

NEW YORK - Tesla announced on June 20 that it signed an agreement to build its first grid-scale energy storage power station project in mainland China.

### [Tesla Expands into China's Grid Market with \\$556M Megapack Energy](#)

Located in the Lin-gang Special Area of the Shanghai Pilot Free Trade Zone, the project will feature Tesla's utility-scale Megapack batteries and serve as a grid-side energy storage ...



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

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, ...

### [Tesla ESS is expected to be deployed in Shanghai, SMM](#)



Upon completion, the project will enhance Shanghai's new energy consumption capacity by participating in power grid peak shaving and frequency regulation, as well as spot cargo power ...



### [Tesla to build grid-side energy storage station in Shanghai](#)

SHANGHAI, June 21 (Xinhua) -- U.S. carmaker Tesla on Friday inked a deal with Chinese partners to build a grid-side energy storage station in Shanghai using its Megapack energy-storage batteries.



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