

# **New Energy Vehicle Energy Storage Service**





## Overview

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Can new energy vehicles be used as mobile energy storage units?

New energy vehicles can also serve as mobile energy storage units, by interacting with the power grid through charging and discharging, a model known as V2G (Vehicle-to-Grid). V2G can improve the overall efficiency and stability of the power grid through peak-shaving and valley filling and its emergency response capability.

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.

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

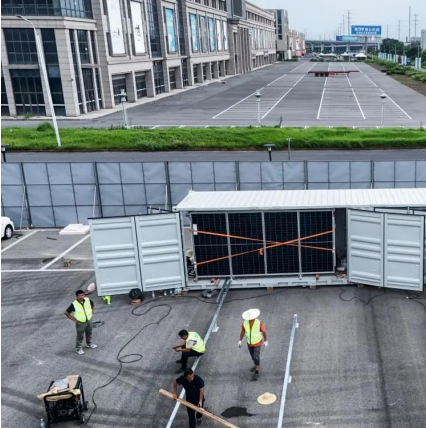
Tesla has officially signed a ¥4 billion (C\$764/US\$557 million) deal to build its first grid-scale battery energy storage station in China, leveraging its Megapack technology.

Why is the Chinese new energy vehicle industry important?

The Chinese new energy vehicle (NEV) industry has developed rapidly, which has become one of the largest NEV markets in the world. The Chinese government has played a pivotal role in supporting and promoting the NEV industry, leading to significant advancements in policies, technology, infrastructure, industrial chain, and market development.



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

The deal was signed between Tesla Inc., China Kangfu International Leasing Co., and the Shanghai municipal government. The station will be located in Shanghai, adjacent to ...

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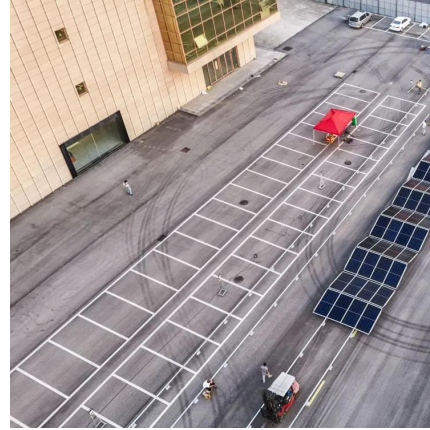


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Situated on Sanhui Road, the station is equipped with two building integrated photovoltaic, one intelligent and mobile vehicle for energy storage and charging, as well as 22 ...

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