



**BLINK SOLAR**

# **New Energy Vehicle Home Energy Storage Station**

**TAX FREE**

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



## Overview

---

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.

How many kWh can a solar energy storage station store?

The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other existing sodium-ion batteries. It can store 800,000 kWh of electricity per day, which can be used by 270,000 households.

What is the first large-scale sodium-ion battery energy storage station in China?

In May 2024, Southern Grid commissioned a 10 MWh sodium-ion battery energy storage station in Nanning, Guangxi province, the first large-scale sodium-ion battery energy storage station in China. The energy storage station can store 100,000 kWh of electricity on a single charge, which can meet the needs of around 12,000 households for a day.

How big is the energy storage station?

The energy storage station covers an area of about 50 mu (33,333 square meters) and has more than 150 battery compartments and boost-converter compartments with a maximum instantaneous output capacity of 200 MW.

## New Energy Vehicle Home Energy Storage Station

---



### Tesla to build grid-side energy storage station in Shanghai

It will be Tesla's first grid-side energy storage station to be built on the Chinese mainland. Dong Kun, general manager of Tesla China's energy business, said the station, ...

---

### Tesla to build grid-side energy storage ...

US carmaker Tesla on Friday inked a deal with Chinese partners to build a grid-side energy storage station in Shanghai using its ...

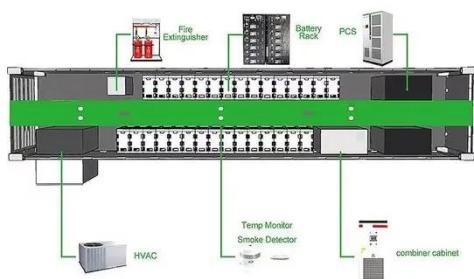


### Tesla's Shanghai Energy Megafactory: A Game Changer in Global Energy

Tesla's latest strategic venture involves the construction of a massive energy storage factory in Shanghai, a move that underscores the company's increasing focus on ...

## Shanghai's first smart mobile facility for photovoltaic storage

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 ...



## Shanghai's first smart mobile facility for photovoltaic storage

The station has integrated photovoltaic power generation, charging and storage, offering a high-efficiency energy utilization mode in line with the low carbon and green ...

## 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 ...



## Tesla to build grid-side energy storage station in Shanghai

US carmaker Tesla on Friday inked a deal with Chinese partners to build a grid-

Our Lifepo4 batteries can be connected in parallel and in series for larger capacity and voltage.



side energy storage station in Shanghai using its Megapack energy-storage batteries.

## China's Largest Grid-Forming Energy Storage Station ...

The station was built in two phases; the first phase, a 100 MW/200 MWh energy storage station, was constructed with a grid-following design and was fully operational in June ...



## NIO starts operating first photovoltaic, energy ...

Shanghai (Gasgoo)- NIO announced on March 19 that its first expressway-dedicated station that integrates photovoltaic and energy ...

## Integrated Photovoltaic-Energy Storage-Charging Stations: A ...

Photovoltaic-Energy Storage-Charging Station integrates photovoltaic, energy

storage and charging technologies, and is becoming a new hot spot in the field of new energy ...



### **China's 1st large-scale lithium-sodium hybrid energy storage station**

The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other existing sodium-ion batteries. It can store ...

### **NIO starts operating first photovoltaic, energy storage, ...**

Shanghai (Gasgoo)- NIO announced on March 19 that its first expressway-dedicated station that integrates photovoltaic and energy storage with electric vehicle (EV) ...



### **China's 1st large-scale lithium-sodium hybrid ...**

The energy storage station uses the latest high-capacity sodium-ion batteries



with a top response speed six times faster than other ...

---

## Contact Us

---

For catalog requests, pricing, or partnerships, please contact:

### **BLINK SOLAR**

Phone: +48-22-555-9876

Email: [info@blinkartdesign.pl](mailto:info@blinkartdesign.pl)

Website: <https://blinkartdesign.pl>

*Scan QR code to visit our website:*

