



# The first sodium ion energy storage power station





## Overview

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Bluetti, a Chinese manufacturer of energy storage and portable power systems, has unveiled what it calls “the world’s first sodium-ion portable power station”. Announced at IFA 2025 in Berlin, the Pioneer Na uses sodium-ion cells and has a capacity of 900 Wh with a 1,500 W power.

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The Baochi Storage Station in Yunnan integrates lithium and sodium-ion technologies at scale, a global first, aiming to stabilize renewable energy and cut costs as China accelerates its energy transition. China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy.

Peak Energy shipped out its first sodium-ion battery energy storage system, and the Burlingame, California-based company says it’s achieved a first in three ways: the US’s first grid-scale sodium-ion battery storage system; the largest sodium-ion phosphate pyrophosphate (NFPP) battery system in the.

We are based in California & Colorado. © 2025 Peak Energy. All rights reserved. Peak Energy designs and deploys next-gen sodium-ion energy storage that is safer, lower-cost, and more reliable. Our systems remove legacy failure points and enable rapid grid growth to meet the demands of AI.

Bluetti unveils the world’s first sodium-ion portable power station, built for extreme cold. Sales image of one of Bluetti's portable power banks. Bluetti Power Chinese energy storage and portable power system maker Bluetti has unveiled what it calls the “world’s first” sodium-ion portable power.

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. (A 100 MWh-scale energy storage station using sodium-ion batteries went into operation on June 30, 2024 in Hubei, central China. Image credit: Hina.

China has officially introduced the world’s first grid-forming Sodium-ion Battery



energy storage facility. Located in Yunnan province, the Baochi Energy Storage Station is a national pilot project and represents a significant advancement in the global energy storage sector. Announced by China.



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### 'World's largest' sodium-ion battery energy storage project goes ...

State-owned power company China Datang Corporation put a 100-MWh energy storage station using sodium-ion batteries into operation in central China's Hubei province on ...

### China Launches World's First Grid-Forming Sodium-Ion Battery Energy

China has officially introduced the world's first grid-forming Sodium-ion Battery energy storage facility. Located in Yunnan province, the Baochi Energy Storage Station is a ...



### China Launches Grid-Forming Sodium-Ion Battery Storage Plant

"China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy Storage Station in Wenshan, Yunnan province -- a national pilot project ...

### Peak Energy just shipped the US's first grid-scale sodium-ion ...

Peak Energy debuts the US's first grid-scale sodium-ion battery, cutting costs and boosting reliability with passive cooling tech.



### **Chinese firm unveils world's first sodium-ion portable power station**

Chinese energy storage and portable power system maker Bluetti has unveiled what it calls the "world's first" sodium-ion portable power station. Called the Pioneer Na, the ...



### **China launches world's first grid-forming sodium-ion battery storage plant**

China launches world's first grid-forming sodium-ion battery storage plant The Baochi Storage Station in Yunnan integrates lithium and sodium-ion technologies at scale, a ...



### [World's largest sodium-ion project comes online in China](#)

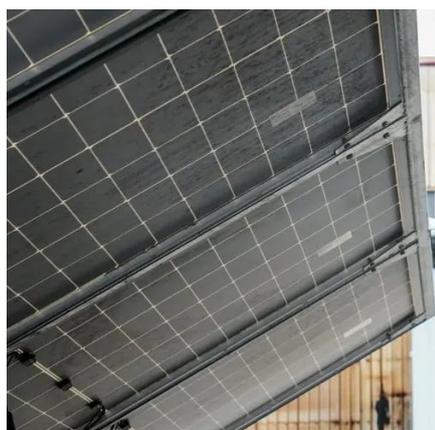
The first phase of the world's largest sodium-ion battery energy storage system (BESS), in China, has come online.



### **Bluetti debuts world's first sodium-ion portable power station**



Bluetti, a Chinese manufacturer of energy storage and portable power systems, has unveiled what it calls "the world's first sodium-ion portable power station". Announced at IFA ...



### **Yunnan's Baochi Energy Storage Station Pioneers Grid-Forming Sodium-Ion**

Located in Wenshan, Yunnan province, this facility is the first large-scale hybrid lithium-sodium battery energy storage facility in China and holds the distinction of deploying ...

### **Peak Energy Delivers First Grid-Scale, Sodium-Ion Battery Storage**

Peak Energy designs and deploys next-gen sodium-ion energy storage that is safer, lower-cost, and more reliable. Our systems remove legacy failure points and enable ...



### [Peak Energy just shipped the US's first grid-scale ...](#)

Peak Energy debuts the US's first grid-scale sodium-ion battery, cutting costs and boosting reliability with passive cooling tech.



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