



Sodium ion energy storage power station supplier





Overview

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, electrification, and renewable power.

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GS-1.1 is the first commercially available sodium-ion battery energy storage system built for grid-scale deployment. Powered by NFPP chemistry, it operates without active cooling— a global first at scale. Infrastructure-ready, drop-in compatible, and built for harsh environments from day one.

Peak Energy's solution is the first battery energy storage system to remove nearly all moving parts with new patent-pending technology, driving significant cost-savings DENVER, July 31, 2025 /PRNewswire/ -- Peak Energy, a U.S.-based company developing low-cost, giga-scale energy storage technology.

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.

Peak Energy's solution is the first battery energy storage system to remove nearly all moving parts with new patent-pending technology, driving significant cost-savings DENVER, July 31, 2025 /PRNewswire/ — Peak Energy, a U.S.-based company developing low-cost, giga-scale energy storage technology.

A U.S.-based company, Peak Energy, has launched the first grid-scale sodium-ion battery energy storage system in the United States, featuring a patent-pending passive cooling design. Peak Energy, a U.S.-based innovator in grid-scale energy storage, today announced the successful launch and shipment.



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[Sodium-Ion Batteries & Sustainable Energy](#)

At Natron Energy, we're changing the way the world looks at critical power and industrial batteries for high-powered applications like AI, data ...

[Peak Energy Unveils Game-Changing Sodium-Ion Battery ...](#)

A U.S.-based company, Peak Energy, has launched the first grid-scale sodium-ion battery energy storage system in the United States, featuring a patent-pending passive cooling ...



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

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

[Peak Energy Unveils Grid-Scale Sodium-Ion Storage System to ...](#)

The company has introduced what it describes as the world's first fully passive, grid-scale sodium-ion battery energy storage system (ESS), piloted with nine utilities and ...



CE UN38.3 MSDS



[China First High-Capacity Sodium-ion Battery ...](#)

China first large-capacity sodium-ion battery energy storage power station, was completed and put into operation in Nanning, Guangxi.

[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 ...



Hyponatremia

Hyponatremia is the term used when your blood sodium is too low. Learn about symptoms, causes and treatment of this potentially dangerous condition.

[Peak Energy launches first grid-scale sodium-ion BESS in US pilot](#)



Sodium-ion battery energy storage system (BESS) startup Peak Energy has launched and shipped its first sodium-ion BESS to be deployed in a shared pilot with nine ...



['World's largest' sodium-ion battery energy storage ...](#)

State-owned power company China Datang Corporation put a 100-MWh energy storage station using sodium-ion batteries into ...



[Peak Energy announces operation of first large-scale sodium ion ...](#)

Peak Energy announced on Friday the successful deployment and operation of the first grid-scale sodium-ion battery system in the US. First unveiled in July, Peak Energy's ...



[World's largest sodium-ion battery goes into operation](#)

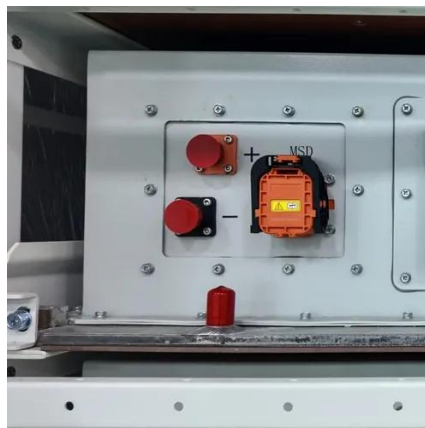
Their puncture resistance and impact resistance are much better than that of ordinary batteries," said Cui Yongle, project manager of ...



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



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



[Peak Energy Delivers First Grid-Scale, Sodium-Ion Battery Storage](#)

Founded by industry veterans from Tesla, Enovix and Apple, the company is on a mission to drastically lower the cost of energy storage and establish the U.S. as a global ...



[World's largest sodium-ion battery goes into operation](#)

The project represents the first phase of the Datang Hubei Sodium Ion New Energy Storage Power Station, which consists of 42 ...



[China's First Lithium-Sodium Hybrid Energy Storage Station is](#)

Their high-capacity power sodium-ion batteries have received significant attention, particularly for their application in large-scale energy storage. The Future of Sodium-Ion ...



[Peak Energy Delivers First Grid-Scale, Sodium-Ion Battery Storage](#)



Peak Energy Delivers First Grid-Scale, Sodium-Ion Battery Storage System in the US. Peak Energy's solution is the first battery energy storage system to remove nearly all ...



[Sodium , Facts, Uses, & Properties , Britannica](#)

sodium (Na), chemical element of the alkali metal group (Group 1 [Ia]) of the periodic table. Sodium is a very soft silvery-white metal. Sodium is the most common alkali ...

[Sodium-Ion Battery Companies](#)

Key Players in sodium-ion battery Technology
Aatral ESP Chennai-based Aatral ESP, a women-led pioneer in sustainable energy, ...



[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.

Sodium



Sodium is essential to all living things, and humans have known this since prehistoric times. Our bodies contain about 100 grams, but we are constantly losing sodium in different ways so we ...

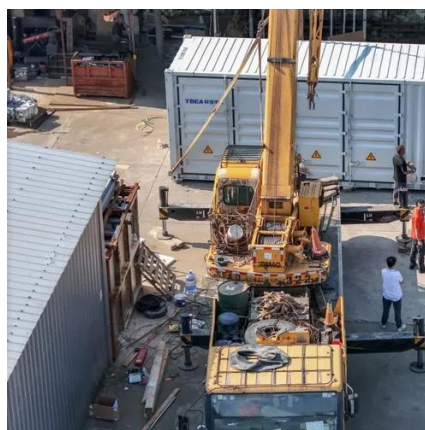


[Sodium Element \(Na or Atomic Number 11\)](#)

Get periodic table facts on the chemical and physical properties of the element sodium, along with history, uses, and other fun facts.

[Peak Energy Delivers First Grid-Scale, Sodium-Ion Battery ...](#)

Founded by industry veterans from Tesla, Enovix and Apple, the company is on a mission to drastically lower the cost of energy storage and establish the U.S. as a global ...



[What Is a Sodium-Ion Battery?](#)

Sodium-ion batteries are emerging as the solution to costly, limited lithium-ion alternatives. Find out how these safer, cheaper batteries are revolutionizing energy storage and grid systems ...

Sodium , Na (Element)



Although sodium is the sixth most abundant element on earth and comprises about 2.6% of the earth's crust, it is a very reactive element and is never found free in nature. Pure sodium was ...



Peak Energy

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[World's Largest Sodium-ion Battery Energy ...](#)

The power station is China's first 100 MWh-level sodium-ion energy storage project, marking the sodium-ion battery sector's entrance ...





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