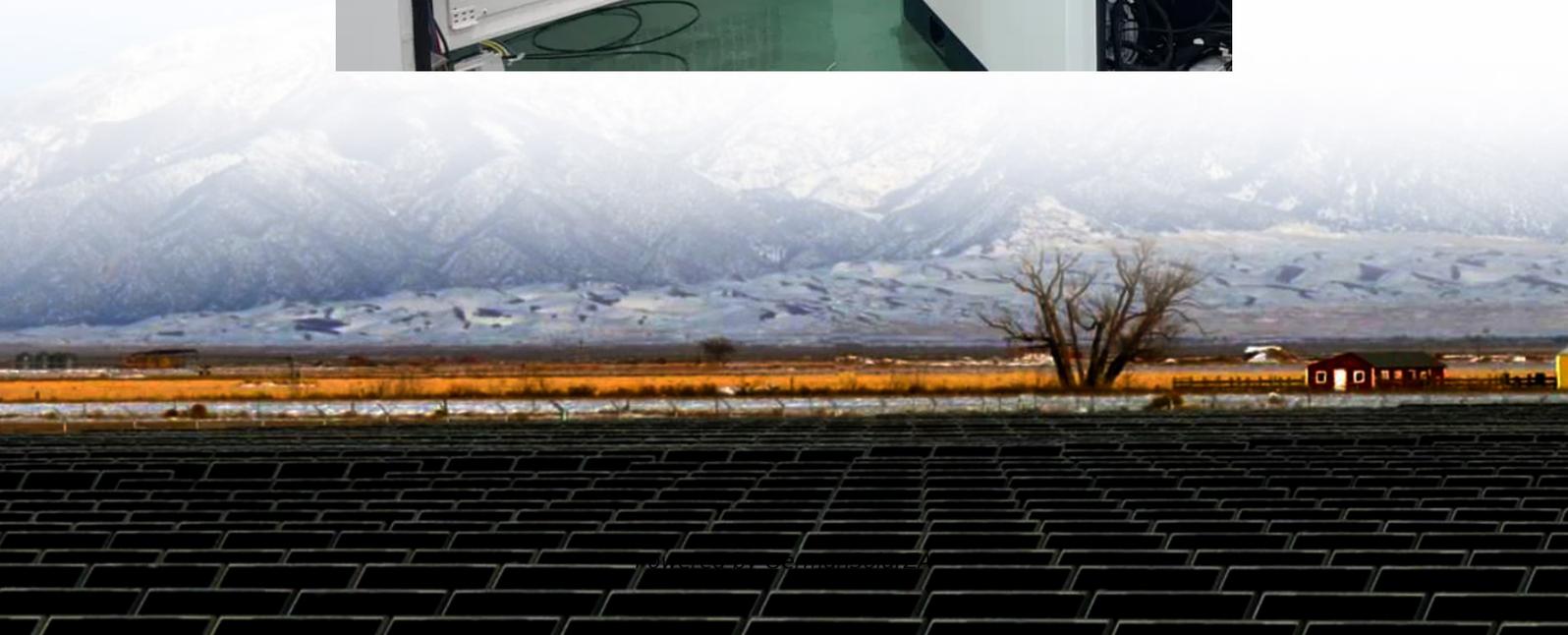


Sodium battery portable power source





Overview

Which portable power station uses sodium ion batteries?

First, let's start with the portable power station. Bluetti's latest Pioneer Na is advertised as the world's first portable power station to use sodium-ion batteries. Speaking of powered things, the portable power station houses a 900 Wh sodium-ion battery that delivers a maximum output of 1,500 W and 2,250 W in power lifting mode.

What is the 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 2025 in Berlin, the Pioneer Na uses sodium-ion cells and has a capacity of 900 Wh with a 1,500 W power output.

What makes a great portable power station?

Sometimes, the most fantastic ideas come with a few challenges worth navigating. The Bluetti Pioneer NA is the world's first portable power station using sodium-ion battery technology, offering superior cold-weather performance, enhanced safety, and faster recharge times compared to lithium-ion batteries.

What kind of battery does a pioneer Na use?

At the heart of the Pioneer Na is a 900Wh sodium-ion battery. While sodium-ion batteries typically have lower energy density than their LFP counterparts, resulting in a bulkier and heavier design, the Pioneer Na compensates with remarkable longevity.



Sodium battery portable power source



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Our exclusive hands-on of the world's first portable power station with a sodium-ion battery, designed for reliable use in extreme cold.

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Elecom's sodium-ion battery operates in extreme climates temperatures ranging from -35°C to 50°C, while its design incorporates sustainability by using recycled plastic for the casing and paper

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Why Sodium-Ion Technology? Sodium-ion technology is a noteworthy alternative to traditional Lithium-ion batteries. Sodium is abundant and more sustainable compared to ...



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The portable sodium-ion power station features a 900 Wh sodium-ion battery, which delivers 1,500 W of power output. Abhinav Fating, Published 09/09/2025 ?? ??

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[BLUETTI Pioneer Na Sodium-Ion Portable Power Station](#)

World's first sodium-ion portable power station with 1,500W output, 1,900W fast charging, -25°C operation, 4,000+ cycles, and 10-year battery life for all-weather reliability.

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Explore how sodium-ion technology challenges lithium-ion dominance with safer, faster, and more reliable portable power solutions.

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