

## PEES Power Systems

# Ion battery storage



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**2MWh / 5MWh  
Customizable**

### ION Storage Systems Launches "Cornerstone," Becoming the First ...

ION Storage Systems, Inc. (ION), a Maryland -based leader in next-generation solid-state battery technology, announces today that it has begun shipping Cornerstone, the first commercial generation ...

### ION Storage Systems (ION) has successfully produced its first multi

ION Storage Systems offers solid-state battery solutions that prioritize safety, durability, and efficiency. With applications spanning consumer electronics and medical devices, ION's ...



- IP65/IP55 OUTDOOR CABINET
- OUTDOOR TELECOM CABINET
- OUTDOOR ENERGY STORAGE CABINET
- 19 INCH

### ION develops groundbreaking 1000-cycle solid-state ...

Its cobalt- and nickel-free battery design offers a sustainable energy storage solution for everything from consumer electronics to medical devices.

## ION Storage Systems , Solid-state batteries without compression

We are builders and problem-solvers committed to delivering solid-state battery systems that scale--from pilot lines to full production. At ION, we focus not just on technology--but on ...



## ION Storage System's Anodeless and Compressionless Solid State ...

ION Storage Systems (ION), a Maryland-based manufacturer of safe, high energy density, fast charging solid-state batteries (SSB), announced a major milestone on the path to commercialization by ...

## ION Storage Systems Achieves Major Performance Milestone with 25x

ION Storage Systems (ION), a Maryland-based pioneer in solid-state battery (SSB) technology, has achieved a significant breakthrough with its battery cell demonstrating a 25x increase in capacity in a ...





Low Voltage  
Lithium Battery

6000+ Cycle Life

## Ion Storage Systems , Maryland Energy Innovation Institute

Ion Storage Systems has developed intrinsically safe, high performance solid state batteries. Battery fires in cell phones, hoverboards, and electric vehicles have reinvigorated the search for safer ...

## ION Storage Systems Commissions One of the Country's Largest ...

The state-of-the-art battery production pilot line, adjacent to the company's headquarters in Beltsville, MD is expected to begin manufacturing 1MWh of battery cells this year, growing to 10MWh by early ...



## ION Storage Systems Achieves Major Performance ...

Focusing on a variety of portable and stationary energy storage applications, ION's patented, three-dimensional ceramics design offers a ...

**This anodeless,  
compressionless solid-state  
battery ...**

Maryland-based ION Storage Systems is about to dramatically accelerate the commercialization of its unique solid-state batteries (SSBs).



## WSJ: A Battery That Lasts 50% Longer Is Finally in Production

WSJ: A Battery That Lasts 50% Longer Is Finally in Production Wall Street Journal writes: "Solid-state batteries have long been elusive, but a firm that supplied cells to the Defense Department could be ...

## First solid state battery to hit 1000 cycles with no ...

ION Storage Systems, a Maryland-based pioneer in solid-state battery (SSB) technology, has achieved a significant breakthrough with its ...



## First Anodeless and Compressionless Battery to Achieve and Exceed ...

ION Storage Systems (ION), a Maryland



-based manufacturer of safe, high energy density, fast-charging solid-state batteries (SSBs) announced today that its anodeless and compressionless SSB achieved ...

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## ION Storage Systems' Solid-State Battery First ...

ION offers a uniquely adaptable solid-state battery solution for a variety of applications including defense and aerospace, consumer electronics, ...



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## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.peregrine-energy.co.za>

