

What are ABSL batteries?

ABSL(TM) batteries are the world's leading range of Lithium-ion (Li-ion) batteries for space applications. ABSL batteries undergo stringent design, structural and thermal analysis to ensure that their performance meets and exceeds the most demanding requirements for man-rated, high-voltage and long-life missions. Request a Quote

Are EnerSys lithium-ion space batteries good?

EnerSys' ABSL(TM) lithium-ion space batteries are renowned for their versatility and durability, offering unique features like deep discharge cycles, long lifespan, and the ability to withstand extreme vibrations. The ABSL(TM) space battery technology has been used in over 300 spacecraft and launch vehicles. About EnerSys

Is ABSL a reliable lithium ion?

ABSL has demonstrated in orbit the most reliable Lithium-ion products currently available for the space market by accumulating over 37,000 cell years of space operation without failure. ABSL has been active in the space industry since the 1960's.

When did ABSL launch a battery?

On February 24, 2011, the four battery assemblies were launched aboard shuttle Discovery on its last mission to rendezvous with the ISS, the second space launch of ABSL Colorado-built battery hardware. Earlier this year, ABSL delivered a battery to an undisclosed client for a space flight.

How long have EnerSys batteries been in space?

With a proven delivery track record, EnerSys ABSL(TM) batteries have logged over 6.5 billion cell hours in space without a mission failure. Successfully powering spacecraft since 2000, world-renowned EnerSys ABSL(TM) products provide market-leading Li-ion battery solutions.

Does EnerSys have a space battery?

READING, Pa., October 31, 2024 -- (BUSINESS WIRE)-- EnerSys (NYSE: ENS), the global leader in stored energy solutions for industrial applications, is proud to announce that its ABSL(TM) lithium-ion space battery was successfully launched onboard NASA's Europa Clipper spacecraft.

ABSL Space Batteries EnerSys is the leading global supplier of lithium-ion batteries for space applications where space heritage, innovation, and a proven delivery track record come together to produce market-leading batteries.

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EnerSys (NYSE: ENS), the global leader in stored energy solutions for industrial applications, announced that its recently acquired ABSL Space Products (ABSL) business had its batteries successfully delivered to the International Space Station (ISS).

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EnerSys ABSL(TM) supplied the longest operating rechargeable Li-ion battery in space, the first to orbit Earth, Mars and Venus, the closest to orbit the sun and trusted to power the James Webb Telescope. With a proven delivery track record, EnerSys ABSL(TM) batteries have logged over 6.5 billion cell hours in space without a mission failure.

A global and local presence. EnerSys operates more than 32 manufacturing facilities around the world serving over 10,000 customers from a wide range of industries in 100 countries. We are the recognized global leader for stored energy solutions and systems.

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