

Who is EnerSys?

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.

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

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.

How has EnerSys improved the life of a satellite?

Since building the first Lithium-ion (Li-ion) battery to power a satellite, technological breakthroughs from EnerSys have extended satellite operational life and have lengthened the life of space missions to benefit our scientific communities.

What are EnerSys batteries used for?

EnerSys batteries supply power for platform and payload systems and are also essential prior to the deployment of any solar array apparatus.



ABSL??? Space Batteries ABSL??? 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



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READING, Pa., October 31, 2024--EnerSys (NYSE: ENS), the global leader in stored energy solutions for industrial applications, is proud to announce that its ABSL??? lithium-ion space battery was



Since building the first Li-ion battery to power a satellite, the ABSL team developed technological breakthroughs that have extended satellite and mission lifecycles. As the space industry's leading supplier of Li-ion batteries, ABSL has delivered on hundreds of projects and programs. [Read More](#)



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READING, Pa., Dec. 28, 2021 (GLOBE NEWSWIRE) -- EnerSys (R) (NYSE:ENS), the global leader in stored energy solutions for industrial applications, is proud to announce the successful integration of its ABSL Lithium-ion (Li-ion) batteries into the National Aeronautics and Space Administration (NASA) James Webb Space Telescope launch. As the successor to the iconic



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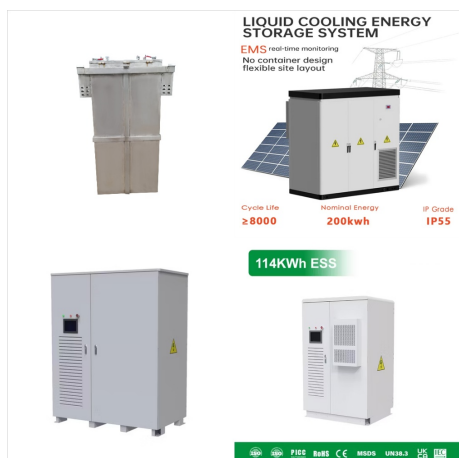


ABSL 8s52p 28V 78Ah Facts at a Glance ABSLTM Cell 18650HCM Configuration 8s52p Nameplate Capacity 78 Ah Energy 2246 Wh Mass 22.8 kg Footprint 295 x 355 mm Visit us at Dosage Effects < 1Mrad Negligible Up to 18Mrad ~5% of Capacity Non-Operating Operating-20°C to 60°C Discharge: -5°C to 45°C



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the commercial launch service market. ABSL batteries will power the flight termination, pyrotechnic, avionic and thrust vector control systems. EARTH OBSERVATION EnerSys ABSL??? large-format, Li-ion batteries are space-qualified to survive extreme temperatures, shocks and vibration. These unique cells deliver long-life, low-fade



Since building the first Li-ion battery to power a satellite, the ABSL??? team developed technological breakthroughs that have extended satellite and mission lifecycles. As the space industry's leading supplier of Li-ion batteries, ABSL has delivered on hundreds of projects and programs. [Read More](#)



EnerSys ABSL??? 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??? batteries have logged over 6.5 billion cell hours in space without a mission failure.



Pioneering ABSL products are the space industry's most demonstrated Li-ion batteries. They were the first rechargeable Li-ion batteries flown in space, the first to orbit Earth, Mars and Venus, and the closest to orbit the sun. With contracts for over one hundred projects and a proven delivery track record, ABSL batteries have logged 2.8



Based in Culham since its formation EnerSys ABSL pioneered the first European Space Agency lithium-ion powered Satellite, PROBA-1, in the early 2000s. Acquired by EnerSys in 2011 the site continues to service the global space industry providing battery and power solutions to international and national space agencies. The company boasts in



ABSL Power Solutions Ltd, including its space group ABSL Space Products, was acquired in 2011 by the US company EnerSys, a global leader in stored energy solutions for industrial applications. EnerSys believes that lithium batteries represent a significant growth driver for the coming years, complementing the growth of its existing business in



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