



News Release  
September 29, 2017  
GS Yuasa Lithium Power

**GS Yuasa Lithium ion Cells  
Surpass 3,000,000 Watt-Hours On Orbit**

Roswell, GA - GS Yuasa Lithium Power announced today that GS Yuasa Technology's lithium ion (Li-ion) cells have surpassed 3.0 MWh of energy storage on orbit. GS Yuasa lithium ion cells have now been flown on more than 150 spacecraft supporting commercial communication, remote sensing, scientific, defense and multiple human rated applications.

"The reliability and excellent performance of GS Yuasa's space Li-ion cells allow our customers to perform longer and more complex missions, especially with the increase in power demand for electric propulsion systems on new satellites. In GS Yuasa's 100th anniversary year we have been able to achieve this exceptional milestone through the dedication of our employees, the cooperation of our partners and the efforts of our customers." said Bill Moll, President of GS Yuasa Lithium Power. "Based on exceptional value, heritage and performance, GS Yuasa is the first company to achieve this milestone."

All GS Yuasa Li-ion cells for space share the same basic chemistry, design, materials, construction and manufacturing processes. With no cell failures on orbit, volumes of life and performance data and a solid connection between the cells offered today and the entirety of its industry leading Li-ion spaceflight heritage, GS Yuasa's value proposition is stronger than ever.

Unlike commercial cells all GS Yuasa Li-ion space cell and chemistry performance attributes are optimized exclusively for the unique environments and duty cycles imposed by spaceflight. The ability to configure a battery system with cells of this pedigree allows GS Yuasa to deliver solutions in support of critical missions without having to oversize the battery to meet design life requirements exceeding 18 years. The resulting high specific-power batteries help customers to meet power system mass targets and reduce launch costs while minimizing program insurance costs.

To learn more about GS Yuasa's LSE family of Li-ion cells for space, please contact GS Yuasa Lithium Power, Inc.

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### **About GS Yuasa Corporation**

GS Yuasa Corporation was established in 2004 by the merger of Japan Storage Battery Co., Ltd and YUASA Battery. GS Yuasa develops and manufactures batteries and power supply systems for a wide range of special applications. The company's high-performance, high-quality batteries are installed in sea, land, and aerospace environments, from depths of 6,500 meters below the ocean surface to 36,000 kilometers in space.

<http://www.gs-yuasa.com/jp/> (Japanese)

<https://www.gs-yuasa.com/us/> (English)

### **About GS Yuasa Technology, LTD (GYT)**

GS Yuasa Technology is a subsidiary of GS Yuasa Corporation located in Kyoto, Japan. GYT designs and manufacturers large format lithium ion cells for aerospace and specialty applications.

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### **About GS Yuasa Lithium Power**

GS Yuasa Lithium Power, Inc. is the United States subsidiary of GS Yuasa focused on large format lithium ion battery system manufacturing for US customers. Primary products are lithium ion battery systems for aerospace, defense, commercial, and industrial applications.

<http://gsyuasa-lp.com/>

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