



News Release

November 14, 2016

GS Yuasa Corporation

**GS Yuasa Lithium-ion Cells To Power  
Innovative Orbital ATK Mission Extension Vehicle**

Roswell, GA – GS Yuasa Lithium Power (GYLP), a US subsidiary of GS Yuasa Corporation (GYC) (Tokyo Stock Exchange: 6674), announced today that Orbital ATK has selected lithium-ion cells manufactured by GS Yuasa Technology (GYT) to power its Mission Extension Vehicle (MEV-1).

The MEV is an innovative space vehicle which can dock with geosynchronous satellites already on-orbit. After docking the MEV assumes station keeping and attitude control responsibilities. For satellites running low on propellant, MEV can extend service life. The launch of MEV-1 is slated for late 2018. Orbital ATK's long-term vision is to establish a fleet of MEVs that can extend the useful life of commercial and government GEO satellites among other services.

In addition to providing program support to Orbital ATK, GYLP will work with their partner, EaglePicher Technologies, LLC, who will design and manufacture the battery system using GYT's Gen III LSE110 lithium-ion cells. "Winning another contract award with EaglePicher, our strategic partner for more than a decade, demonstrates how cooperation between these technology leaders so often results in the most compelling value for our customers" commented Bill Moll, GYLP President.

"GYLP is excited to work with Orbital ATK as they create this new and innovative market for mission extension vehicles and services" said GYLP's Director of Business Development, Curtis Aldrich. "This latest award demonstrates Orbital ATK's continued confidence in GS Yuasa's LSE lithium-ion technology for space applications and further solidifies GS Yuasa's position as the leading global supplier of lithium-ion energy storage for satellites."

## **GS Yuasa Lithium Power**

GS Yuasa is one of the world's leading battery manufacturers for automotive, telecom, and industrial applications and has produced commercial lead acid batteries for more than one hundred years. GS Yuasa manufactures a variety of specialty battery technologies, among them Lithium-ion, Nickel-Metal Hydride, Thermal batteries and Silver Zinc.

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.

## About Orbital ATK

Orbital ATK is a global leader in aerospace and defense technologies. The company designs, builds and delivers space, defense and aviation systems for customers around the world, both as a prime contractor and merchant supplier. Its main products include launch vehicles and related propulsion systems; missile products, subsystems and defense electronics; precision weapons, armament systems and ammunition; satellites and associated space components and services; and advanced aerospace structures. Headquartered in Dulles, Virginia, Orbital ATK employs approximately 12,000 people in 18 states across the U.S. and in several international locations. For more information, visit [www.orbitalatk.com](http://www.orbitalatk.com).

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