



GRIDSTAR™ LITHIUM  
ENERGY STORAGE

LOCKHEED MARTIN



# GRIDSTAR™ LITHIUM ENERGY STORAGE SYSTEM

## Turnkey energy storage for commercial, industrial, and utility applications

- Demand Charge Reduction
- Solar and Wind Integration
- Transmission and Distribution Investment Deferral
- Frequency and Voltage Regulation
- Microgrid Support

## Complete solution. Compact package.

### Offering you:

- Robust, reliable energy storage systems
- Ease of installation and compact footprint
- Flexibility – modular in 100-500 kW<sub>AC</sub> and 200-950 kWh<sub>AC</sub> increments
- Scalability – simple to scale up to MW-class applications
- Warranty backed by Lockheed Martin



### Contact Information:

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www.lockheedmartin.com/energystorage

## GridStar™ Lithium Energy Storage Unit Specifications

System Description	Turnkey outdoor-rated energy storage system including AC/DC protection, power conversion, energy storage, thermal management, and controls
Power	100 kW to 500 kW configurations
Energy	200 kWh to 950 kWh AC configurations
Round Trip Efficiency	87-92%
Footprint	6' D x 12'6" L x 8'5" W
Weight	<23,000 lbs (10,432 kg)
Storage Type	Lithium-ion
Power Interface	AC 3-phase and DC variants available
Control Interface	RS-485 / Modbus, Ethernet / Modbus TCP
Control	Compatible with Lockheed Martin or 3 <sup>rd</sup> party
Ambient Operating Temp	-22° to 122°F (-30 to 50°C)
Enclosure	NEMA 4X

## Certifications

System	UL 9540
Inverter	UL1741SA, IEEE 1547
Battery Cell	UL 1642

*Note: Product specifications are subject to change without notice.*

