

LITHIUM-ION BATTERY MODULE

The LIM25H Series from GS Yuasa is a premium rechargeable Lithium-Ion battery module. These modules are manufactured in Japan using the highest quality components and under rigorous Japanese quality control standards. These long service life, high cycle life batteries are designed to deliver excellent performance in high-power applications where high charge and discharge rates are required.

The LIM25H Series of battery modules are ideally engineered for the requirements of a wide variety of industrial energy storage applications including: Renewable Energy, Smart Grid Energy Storage and Automated Guided Vehicles (AGV). The high performance LIM25H Series from GS Yuasa is an excellent choice for any energy storage application requiring extremely reliable performance and high power delivery capability.

SUPERIOR CYCLE LIFE

+ 10,000+ cycles at 100% Depth of Discharge (DOD)

EXCELLENT HIGH CURRENT CHARGE/ DISCHARGE

+ Maximum charge and discharge rates up to 24C

PARTIAL STATE OF CHARGE PERFORMANCE

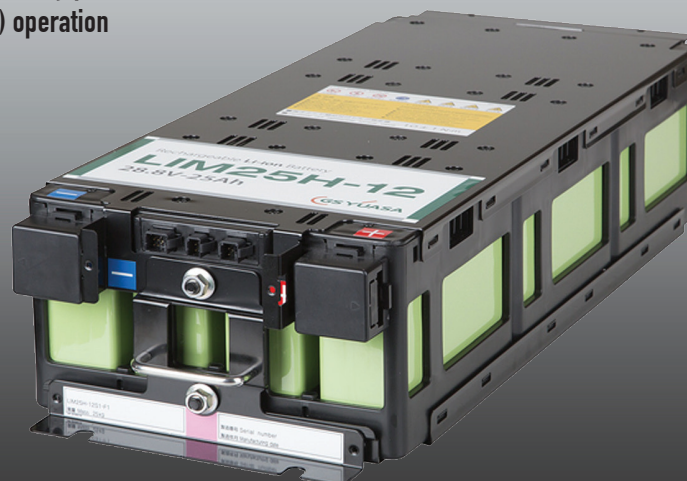
+ Performance not effected by partial state of charge (PSOC) operation

RAPID CHARGING

+ Charges to 70% of rated capacity in less than 30 minutes

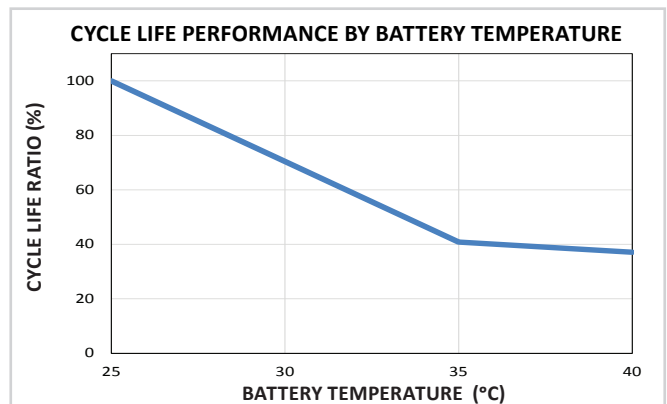
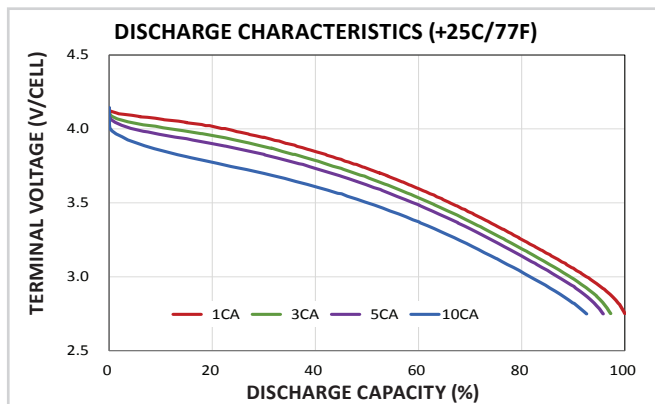
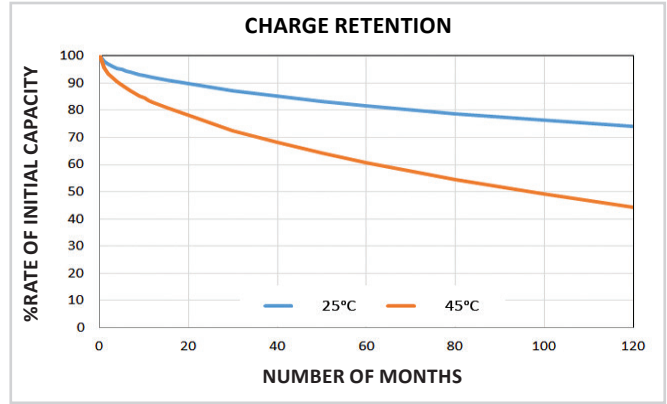
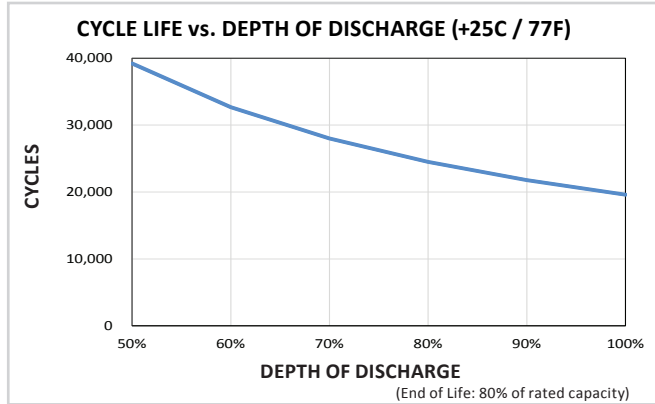
BATTERY MANAGEMENT SYSTEM (BMS)

+ Integrated BMS actively balances cells and monitors cell voltage, temperature, SOC, over current, overcharge and overdischarge. Accessible through CANbus, RS-585, or local touch panel.

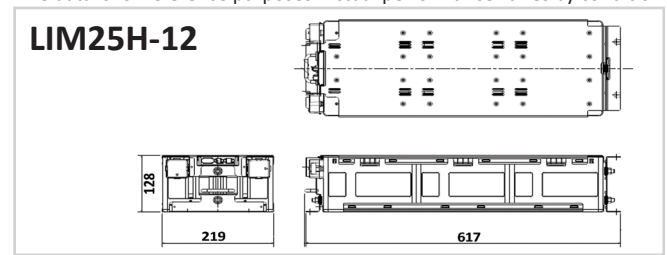


SPECIFICATIONS

MODEL	NOMINAL VOLTAGE (V)	RATED CAPACITY at 8 Hr (Ah)	L		W		H		WEIGHT	
			mm	in.	mm	in.	mm	in.	kg	lbs.
LIM25H-8S1-F1	28.8	25.0	440	17.32	219	8.62	128	5.04	17.5	38.58
LIM25H-12S1-F1	43.2	25.0	617	24.29	219	8.62	128	5.04	27.0	59.52



The data is for reference purposes. Actual performance varies by condition.



ABOUT GS YUASA ENERGY SOLUTIONS, INC.

GS Yuasa Energy Solutions, Inc. is an American subsidiary of GS Yuasa Corporation, the world's second largest battery company and a 100+ year old Japanese corporation. GS Yuasa Energy Solutions (GYES) was formed in 2019 to address the growing energy storage and reserve power markets. GYES brings together and leverages GS Yuasa Group's advanced technologies with proven American market successes in lithium, telecom, UPS, alarm & security, and energy storage into a single business unit.

