



SLX SERIES

AGM DEEP CYCLE BATTERIES FOR ENERGY STORAGE with *HT Element X Alloy™*

SLX SERIES

The SLX Series is part of GS Yuasa Energy Solutions' complete line of rechargeable batteries and energy storage systems created to meet the increased demand for 12V deep cycle high capacity batteries. The SLX technology utilizes GS Yuasa Energy Solutions' proprietary *HT Element X Alloy™* and active material additives.

CYCLE LIFE

- + 1500 cycles at 50% Depth of Discharge (DOD)

VOLTAGE & CAPACITY

- + 250Ah@20 Hr

COMPLIANCE

- + DOT HMR49, Non-Hazardous Materials

SAFETY

- + UL 94V-0
- + UL 1989

DEEP CYCLE & HIGH CAPACITY DESIGN

- + *HT Element X Alloy™* extends life in high temp applications
- + Primary lead for long life
- + Low calcium alloy for long life
- + Additives to maintain compression
- + Designed to control charging current as temperature increases
- + No thermal runaway
- + Epoxy sealed terminals to prevent post leaks
- + Rugged ABS cases to minimize handling damage
- + VRLA battery with AGM Technology – Spill Proof Operation
- + High gas recombination efficiency



POWERING THE NEXT GENERATION



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SPECIFICATIONS

MODEL	NOMINAL VOLTAGE (V)	*RATED CAPACITY at 20 Hr (Ah)	**RECOMMENDED TEMPERATURE		L		W		H		TH		WEIGHT		TERMINAL
			Operating	Storage	mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.	
SLX250-12	12	250	-15°C~45°C (5°F~113°F)	5°C~30°C (41°F~86°F)	520	20.47	243	9.57	230	9.06	230	9.06	75	165.35	Bolt (M8)

*Maximum Charge Current is 25% of the 8 Hr. Rate

**Refer to Product Manual for optimum temperature range

AMPERES TO FINAL VOLTAGE: 1.75V@25°C (77°F)

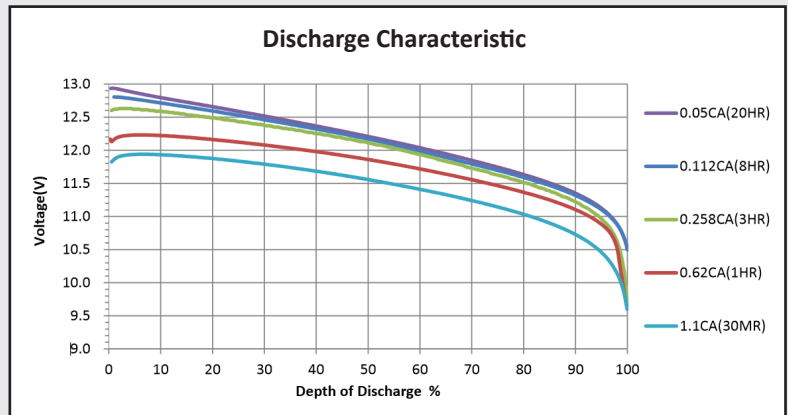
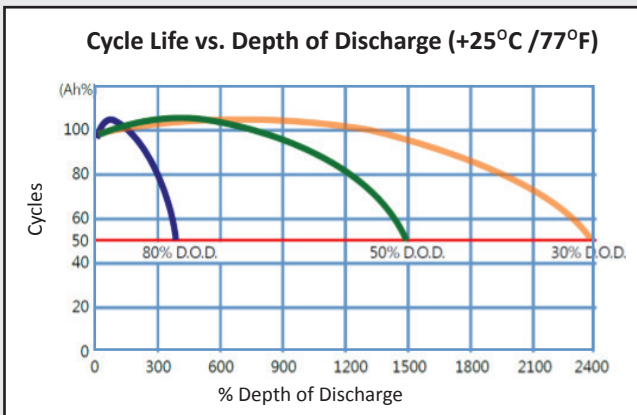
MODEL	DISCHARGE TIME									
	30M	45M	1H	2H	3H	4H	5H	8H	10H	20H
SLX250-12	249	182	145	86.3	61.8	48.7	40.6	28	23.2	12.5

Capacity @ 25°C (77°F) to 10.5 Volts per Battery (1.75VPC)

WATTS TO FINAL VOLTAGE: 1.75V@25°C (77°F)

MODEL	DISCHARGE TIME									
	30M	45M	1H	2H	3H	4H	5H	8H	10H	20H
SLX250-12	2819	2088	1676	1019	728	574	478	328	271	146

Capacity @ 25°C (77°F) to 10.5 Volts per Battery (1.75VPC)



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.



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