



GT12080-HG

LONG LIFE FTTH BATTERIES FOR EMERGENCY BACKUP

GT12080-HG

GT12080-HG is designed specially for higher operating capacity. It has high efficiency, long life and high power output. Six to eight (6-8) year design life in standby service. UL 94V-0 plastic with ergonomic finger grips.

6-8 YEAR DESIGN LIFE

- + In standby mode

CAPACITY RANGE

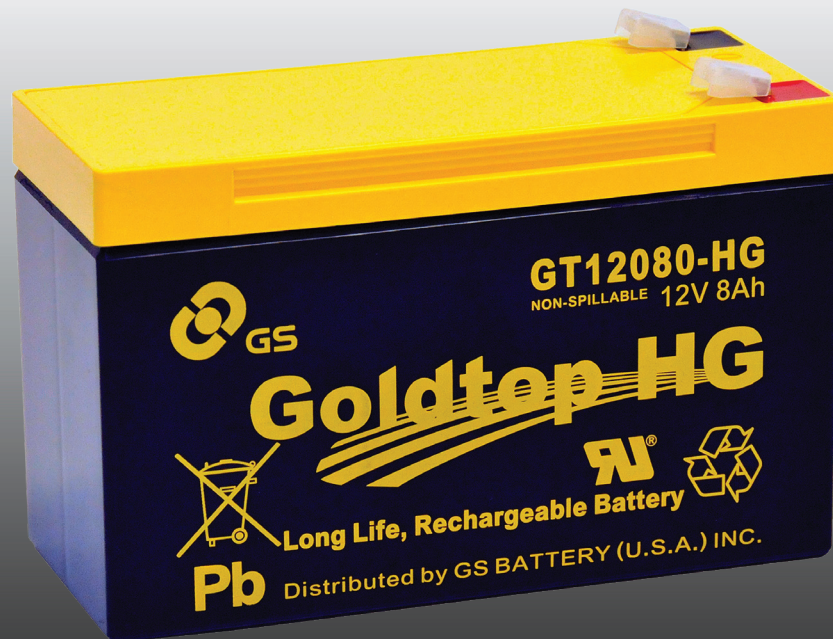
- + 8.0Ah
- + 11% More Capacity (8.2Ah @ 8Hr)

SAFETY

- + UL 94V-0 Plastic Case
- + UL 1989
- + Call2Recycle recyclable

LONG LIFE DESIGN FOR FTTH

- + Primary lead for long life
- + Low calcium alloy for long life
- + Additives to maintain compression
- + No thermal runaway
- + Epoxy sealed terminals to prevent post leaks
- + Special Design for FTTH
- + AGM Technology ensures spill proof operation



International Certification
(1).ISO 9001,TS16949
(2).UL approval, Code: MH13567



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
			Charge / Discharge & Storage	mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.	
GT12080-HG	12	8.0	-20°C to +50°C (-4°F to 122°F)	151	5.94	65	2.56	94	3.7	101	3.98	2.6	5.73	F2

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

**Refer to Product Manual for optimum temperature range

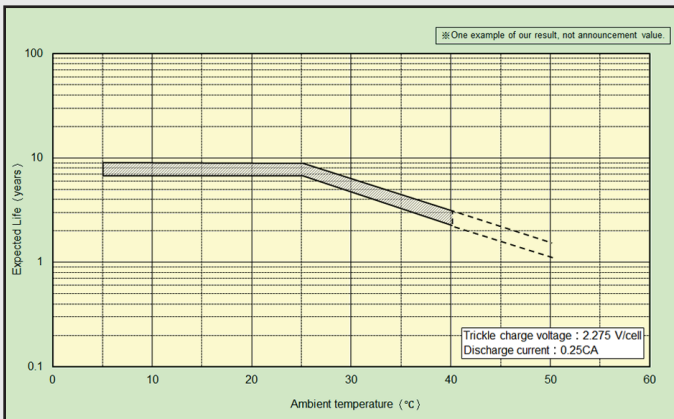
AMPERES TO FINAL VOLTAGE: 1.75V PER CELL@25°C (77°F)

DISCHARGE TIME											
20H	12H	10H	9H	8H	7H	6H	5H	4H	3H	2H	1H
0.41	0.65	0.77	0.85	0.94	1.06	1.21	1.41	1.70	2.14	2.95	5.12

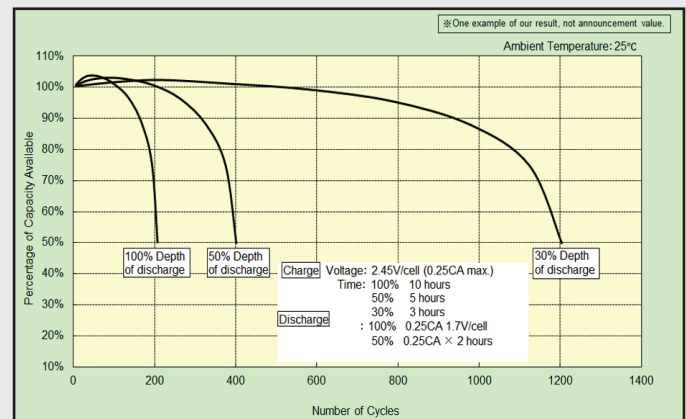
WATTS TO FINAL VOLTAGE: 1.75V PER CELL@25°C (77°F)

DISCHARGE TIME											
20H	12H	10H	9H	8H	7H	6H	5H	4H	3H	2H	1H
0.80	1.33	1.55	1.68	1.87	2.1	2.4	2.8	3.4	4.2	5.7	9.9

Trickle (Float) Expected Life



Cycle Life Characteristics



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.

