

GT12080-HG

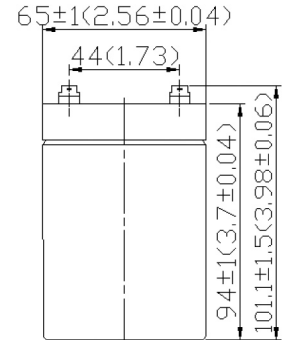
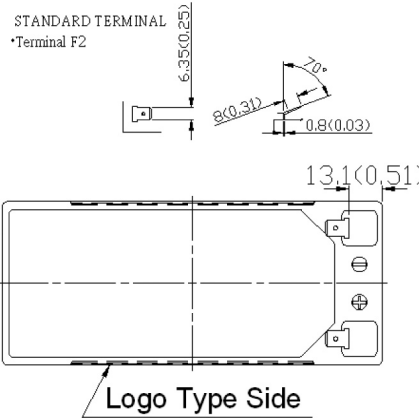
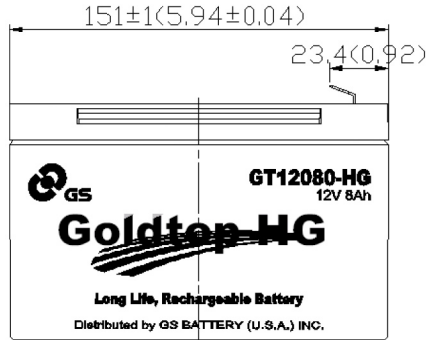
12V 8.0Ah



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. 94V0 plastic with ergonomic finger grips.



unit : mm (in)



SPECIFICATIONS

MODEL	Nominal Voltage (V)	Ambient Temperature	Rated Capacity		Outer Dimensions								Weight		Terminal		
			Rate In Ah		L		W		H		TH		kg	lbs.			
			20 Hr	8 Hr	mm	in.	mm	in.	mm	in.	mm	in.					
GT12080-HG	12V	Discharge:	-20°C to +50°C (-4°F to 122°F)	8.2	7.5	151	5.94	65	2.56	94	3.70	101	3.98	2.6	5.73	F2	
		Charge:	-20°C to +50°C (-4°F to 122°F)														
		Storage:	-20°C to +50°C (-4°F to 122°F)														

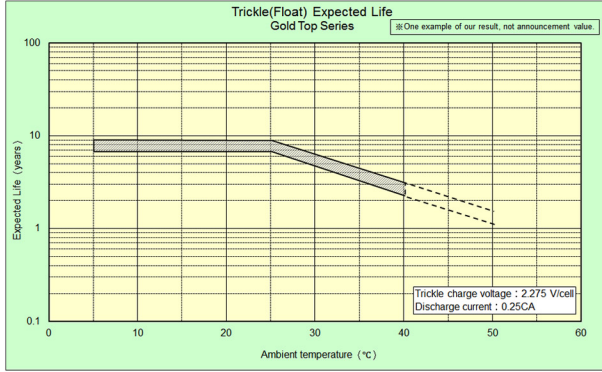
AMPERES TO FINAL VOLTAGE 1.75V PER CELL@25°C (77°F)

	DISCHARGE TIME (Hr)											
	20 Hrs.	12 Hrs.	10 Hrs.	9 Hrs.	8 Hrs.	7 Hrs.	6 Hrs.	5 Hrs.	4 Hrs.	3 Hrs.	2 Hrs.	1 Hr.
GT12080-HG	0.41	0.65	0.77	0.85	0.94	1.06	1.21	1.41	1.70	2.14	2.95	5.12

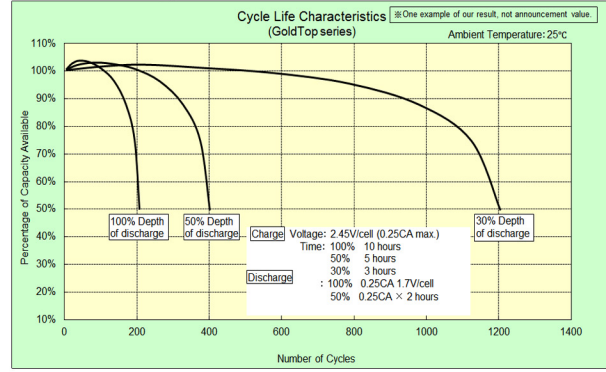
WATTS TO FINAL VOLTAGE 1.75V PER CELL@25°C (77°F)

	DISCHARGE TIME (Hr)											
	20 Hrs.	12 Hrs.	10 Hrs.	9 Hrs.	8 Hrs.	7 Hrs.	6 Hrs.	5 Hrs.	4 Hrs.	3 Hrs.	2 Hrs.	1 Hr.
GT12080-HG	0.80	1.33	1.55	1.68	1.87	2.1	2.4	2.8	3.4	4.2	5.7	9.9

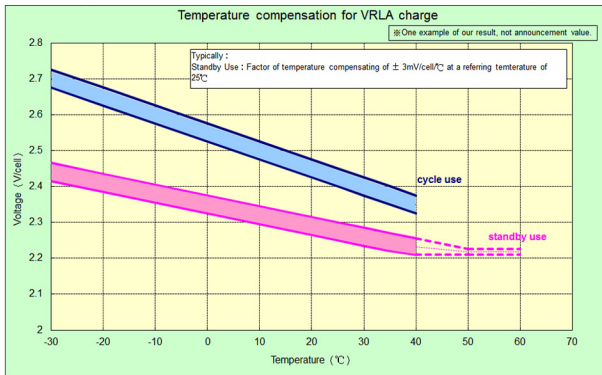
Trickle (Float) Expected Life



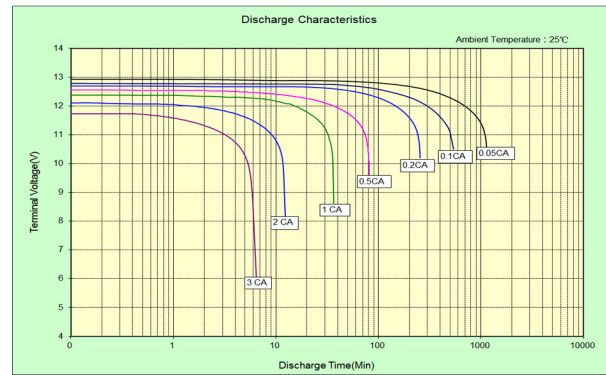
Cycle Life Characteristics



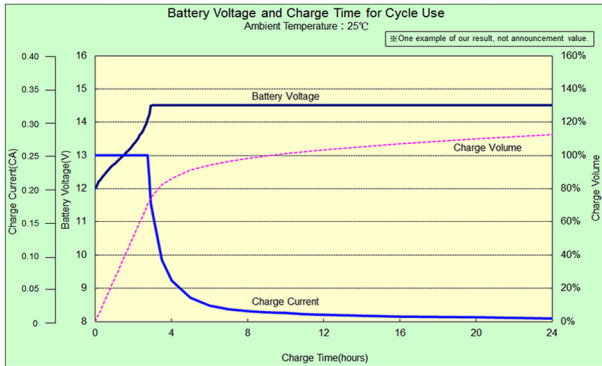
Temperature Compensation for VRLA Charge



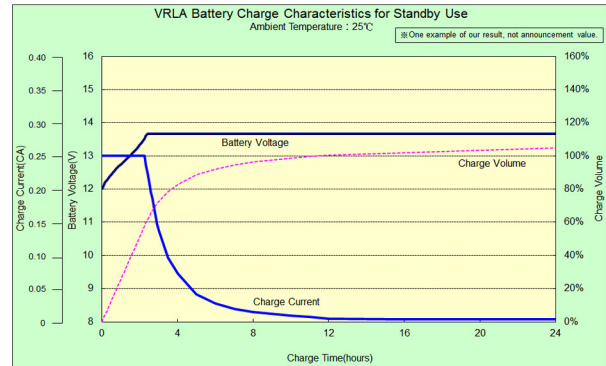
Discharge Characteristics (25°C)



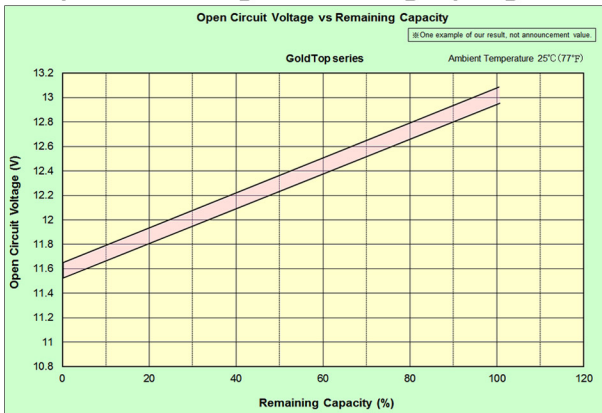
Battery Voltage and Charge Time for Cycle Use



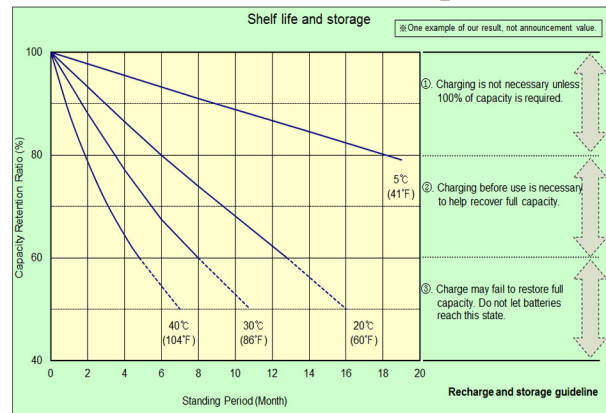
VRLA Battery Charge Characteristics for Standby Use



Open Circuit Voltage vs Remaining Capacity



Shelf Life and Storage



500-100-030ver.2.0 4-2014