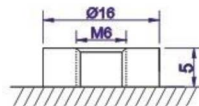
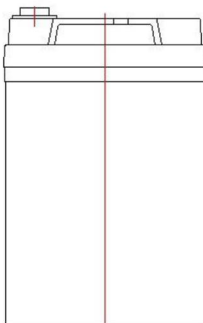
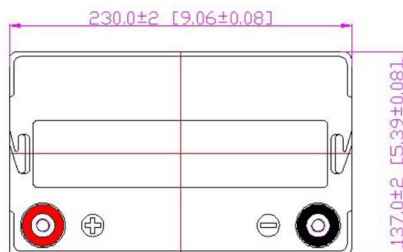
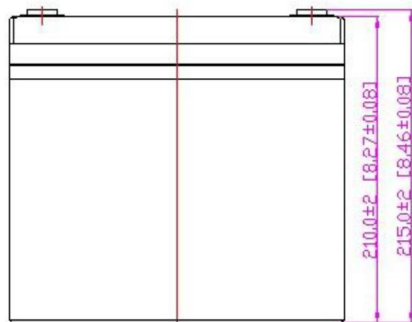
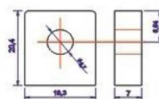
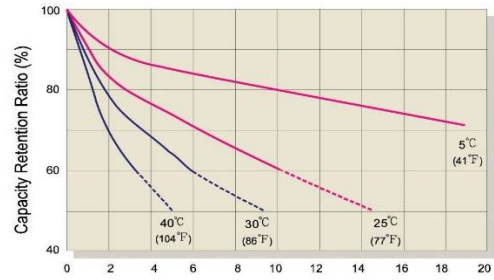
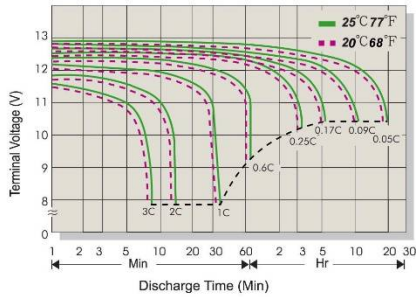


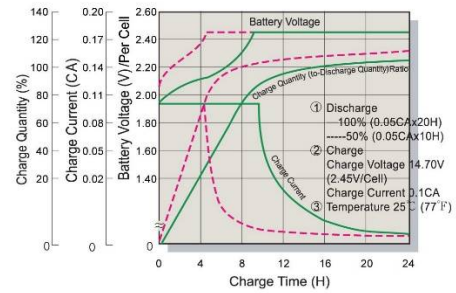
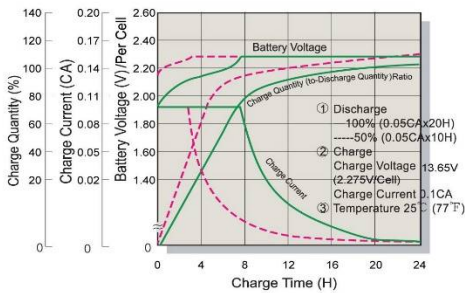

DATASHEET
GHL 55-12A
12V 55AH
GEL SEALED VRLA BATTERY
LONG LIFE 12 YEARS OF EXPECTED LIFETIME
 (EUROBAT)

M6 Bolt

M6 Bolt & Nut
SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	55Ah	
Terminal	B4	
Approx. Weight	Approx 17,5 kg (38,58 lbs)	
Container Material	ABS UL94 V0	
Dimensions	Length	230±2 mm (9,05 inches)
	Width	137±2 mm (5,39 inches)
	Container Height	210±2 mm (8,26 inches)
	Total Height (with terminal)	215±2 mm (8,46 inches)
Rated Capacity	60 Ah	20 hr (2,81A 10,8V, 25°C)
	55 Ah	10 hr (5,5A 10,8V, 25°C)
	45,25 Ah	5 hr (9,05A 10,5V, 25°C)
	39,93 Ah	3 hr (13,31A 10,5V, 25°C)
Max. Discharge Current	660,0 A (5 s)	
Internal Resistance	Approx 9,1 mΩ	
Charge Voltage (25°C)	Cycle Use:	14,4-14,6V(-30mV/°C) max current 20A
	Float Use:	13,6-13,8 (-20mV/°C)
Capacity affected by Temperature	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Self discharge	2% of capacity declined per month at 25°C	

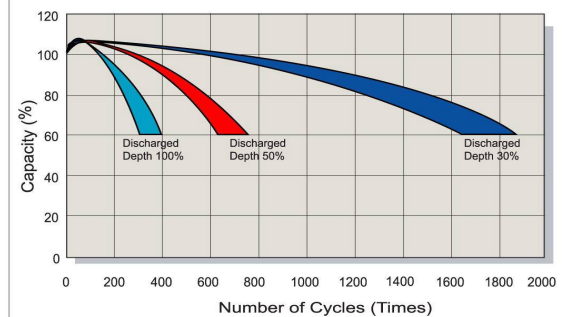
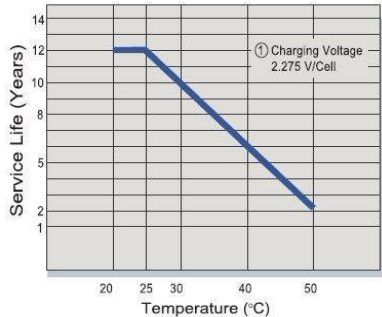
TERMINAL VOLTAGE(V) AND DISCHARGE TIME CAPACITY RETENTION CHARACTERISTIC



BATTERY VOLTAGE AND CHARGE TIME FOR STANDBY USE BATTERY VOLTAGE AND CHARGE TIME FOR CYCLE USE



TICKLE (OR FLOAT) SERVICE LIFE CYCLE SERVICE LIFE



Constant Current Discharge (CC, Unit : A) at 25°C

F.V/Time	5 min	10 min	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr	20 hr
1,85V/Cell	124,3	91,6	79,5	48,0	28,2	16,64	12,39	10,45	8,60	7,92	6,34	5,28	2,69
1,80V/Cell	129,0	95,0	82,5	49,8	29,4	17,34	12,94	10,89	8,96	8,25	6,60	5,50	2,81
1,75V/Cell	141,9	99,8	86,6	51,8	30,6	17,86	13,31	11,00	9,05	8,33	6,66	5,56	2,83
1,70V/Cell	158,7	104,5	90,7	54,3	31,2	18,19	13,57	11,11	9,14	8,41	6,73	5,61	2,86
1,67V/Cell	175,5	109,3	94,9	55,7	32,4	18,70	13,97	11,22	9,23	8,50	6,80	5,66	2,89
1,60V/Cell	190,1	115,0	99,8	58,1	32,7	18,90	14,13	11,34	9,34	8,59	6,88	5,72	2,92

Constant Power Discharge (CP, Unit : W) at 25°C

F.V/Time	5 min	10 min	15 min	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr	20 hr
1,85V/Cell	236,1	173,9	151,0	91,1	53,6	31,60	23,55	19,86	16,34	15,05	12,12	10,03	5,02
1,80V/Cell	245,1	180,6	156,7	94,6	55,9	33,00	24,59	20,69	17,03	15,67	12,61	10,45	5,22
1,75V/Cell	269,7	189,6	164,6	98,4	58,2	33,90	25,29	20,90	17,20	15,83	12,74	10,55	5,28
1,70V/Cell	301,5	198,6	172,4	103,1	59,3	34,60	25,78	21,10	17,37	15,99	12,87	10,66	5,33
1,67V/Cell	333,4	207,7	180,3	105,9	61,5	35,50	26,54	21,31	17,54	16,15	13,00	10,76	5,38
1,60V/Cell	361,2	218,5	189,7	110,4	62,2	35,88	26,83	21,54	17,73	16,32	13,13	10,87	5,43



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