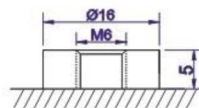
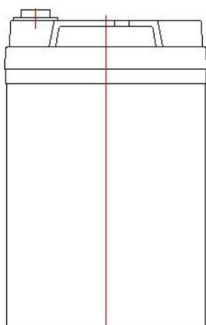
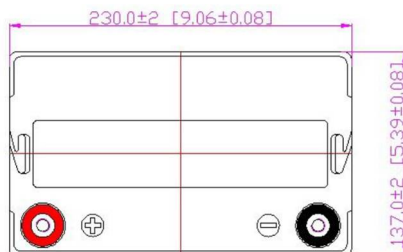
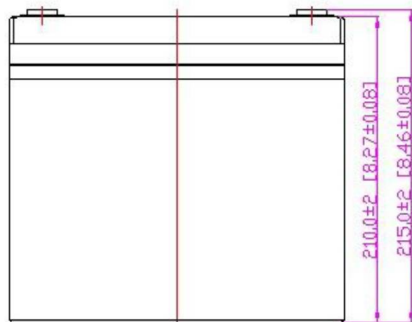
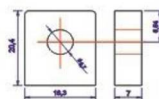
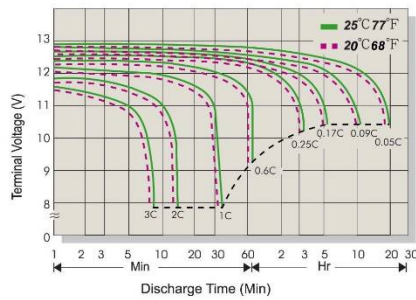
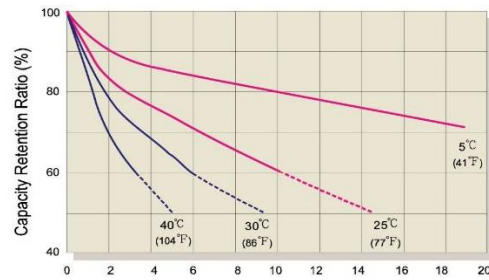
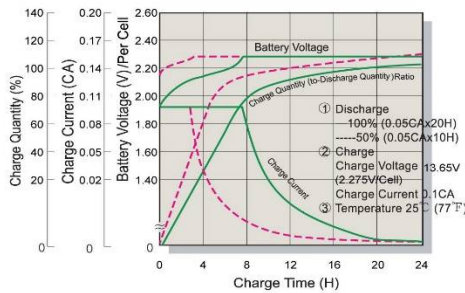
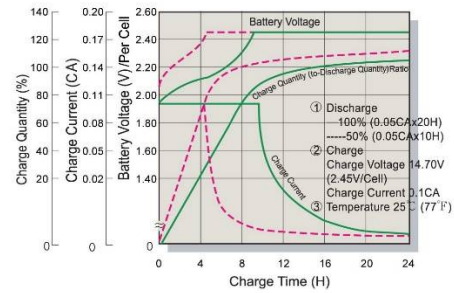
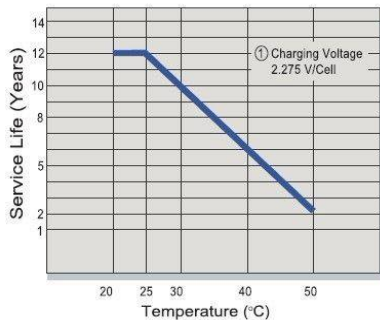
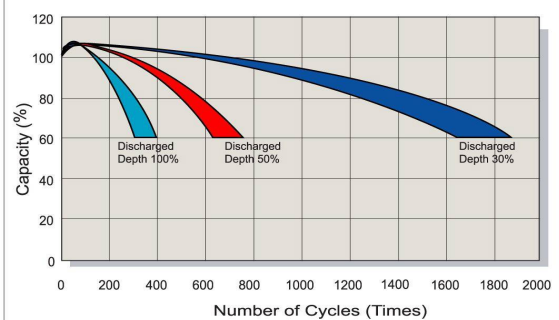



**DATASHEET**
**GHL 55-12**
**12V 55AH**
**GEL SEALED VRLA BATTERY**
**LONG LIFE 12 YEARS OF EXPECTED LIFETIME**
**(EUROBAT)**

**M6 Bolt**

**M6 Bolt & Nut**
**SPECIFICATIONS**

Nominal Voltage	12V	
Nominal Capacity	55Ah	
Terminal	M6	
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