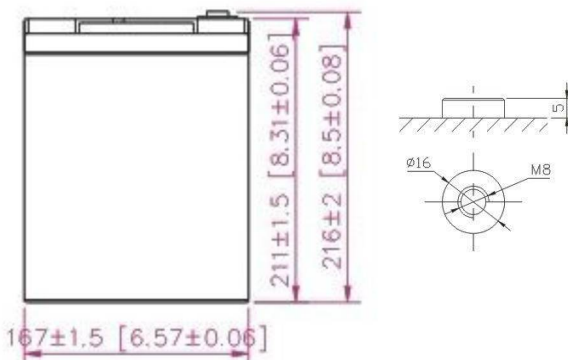
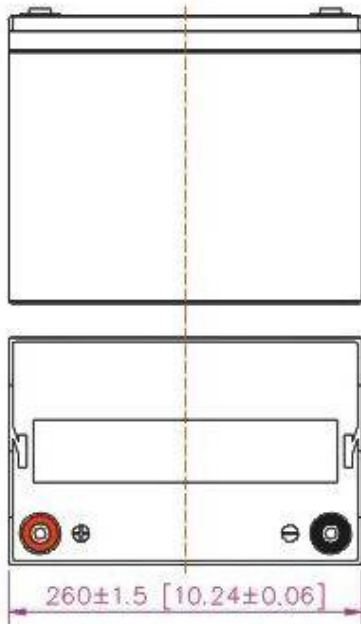
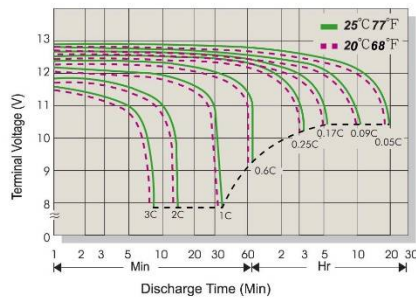
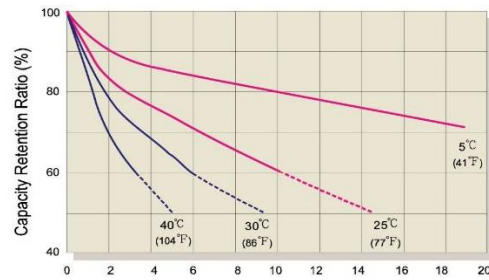
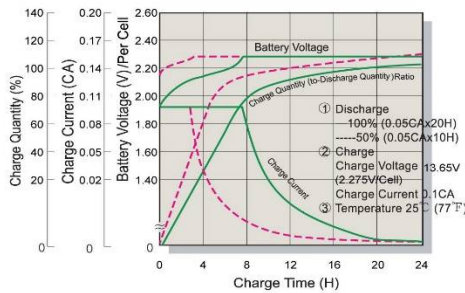
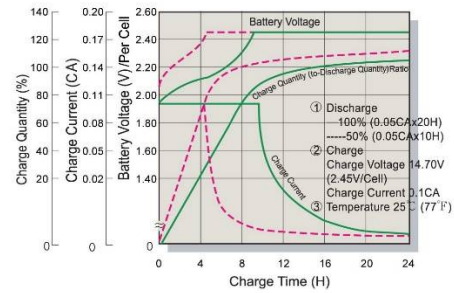
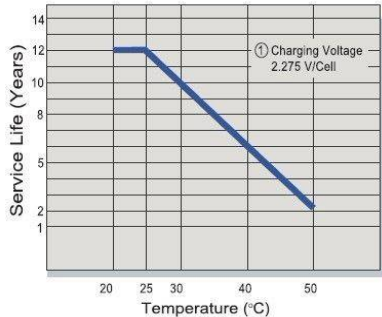
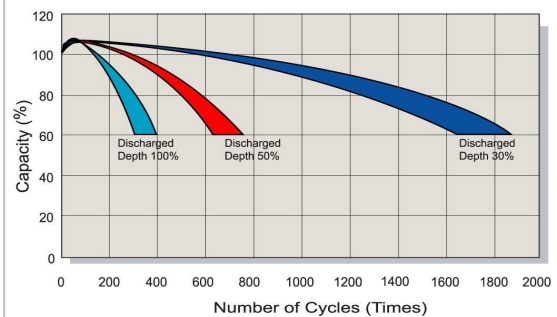



**DATASHEET**  
**GHL 75-12A**
**12V 75AH**
**GEL SEALED VRLA BATTERY**  
**LONG LIFE 12 YEARS OF EXPECTED LIFETIME**  
 (EUROBAT)

**SPECIFICATIONS**

Nominal Voltage	12V	
Nominal Capacity	75Ah	
Terminal	B4	
Approx. Weight	Approx 22 kg (48,5 lbs)	
Container Material	ABS UL94 V0	
Dimensions	Length	260±2 mm (10,23 inches)
	Width	167±2 mm (6,57 inches)
	Container Height	211±2 mm (8,30 inches)
	Total Height (with terminal)	216±2 mm (8,50 inches)
Rated Capacity	80 Ah	20 hr (4A 10,8V, 25°C)
	75 Ah	10 hr (7,5A 10,8V, 25°C)
	61,7 Ah	5 hr (12,34A 10,5V, 25°C)
	54,45 Ah	3 hr (18,15A 10,5V, 25°C)
Max. Discharge Current	840,0 A (5 s)	
Internal Resistance	Approx 8,6 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	169,5	124,8	108,3	65,4	38,5	22,70	16,90	14,25	11,73	10,80	8,64	7,20	3,77
1,80V/Cell	175,9	129,6	112,5	67,9	40,1	23,65	17,65	14,85	12,22	11,25	9,00	7,50	4,00
1,75V/Cell	193,5	136,1	118,1	70,6	41,7	24,35	18,15	15,00	12,34	11,36	9,09	7,58	4,04
1,70V/Cell	216,4	142,5	123,7	74,0	42,5	24,80	18,50	15,14	12,46	11,47	9,18	7,65	4,07
1,67V/Cell	239,3	149,0	129,4	76,0	44,1	25,50	19,05	15,30	12,59	11,59	9,27	7,72	4,08
1,60V/Cell	259,2	156,8	136,1	79,2	44,6	25,77	19,27	15,47	12,73	11,72	9,38	7,80	4,09

**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	322,0	237,2	205,9	124,3	73,1	43,10	32,11	27,08	22,29	20,52	16,52	13,68	6,84
1,80V/Cell	334,3	246,2	213,7	129,0	76,3	44,90	33,53	28,21	23,23	21,37	17,20	14,25	7,15
1,75V/Cell	367,7	258,6	224,5	134,1	79,3	46,30	34,48	28,50	23,45	21,59	17,38	14,39	7,20
1,70V/Cell	411,1	270,8	235,1	140,6	80,8	47,10	35,15	28,77	23,68	21,80	17,55	14,53	7,27
1,67V/Cell	454,7	283,2	245,8	144,4	83,9	48,40	36,19	29,06	23,92	22,02	17,73	14,68	7,34
1,60V/Cell	492,6	298,0	258,6	150,6	84,8	48,92	36,59	29,37	24,18	22,25	17,91	14,83	7,41