



DATASHEET

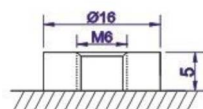
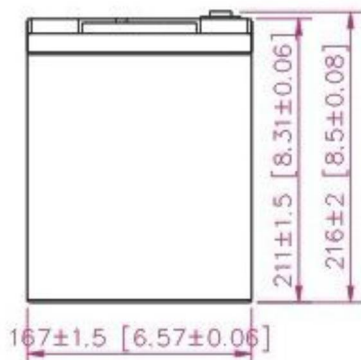
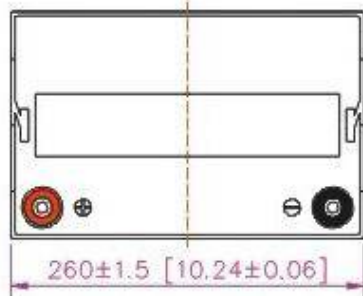
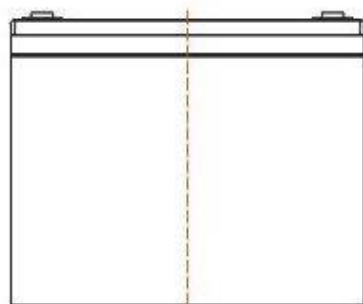
GHL 75-12

12V 75AH

GEL SEALED VRLA BATTERY

LONG LIFE 12 YEARS OF EXPECTED LIFETIME

(EUROBAT)

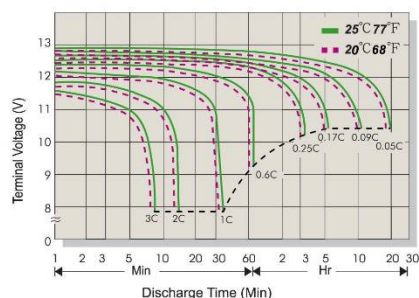
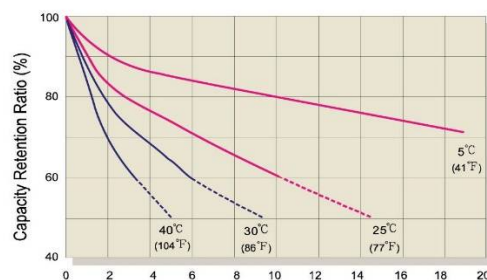
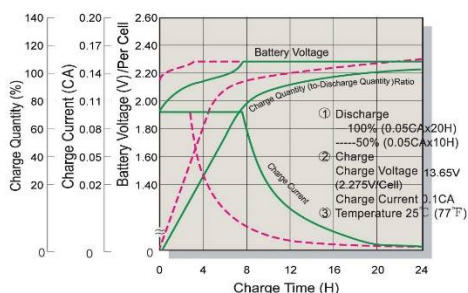
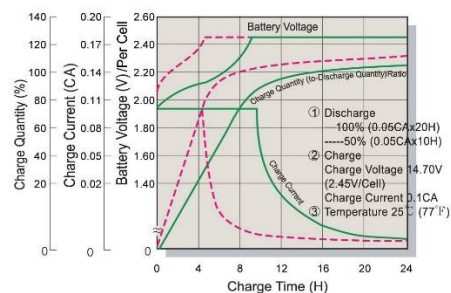
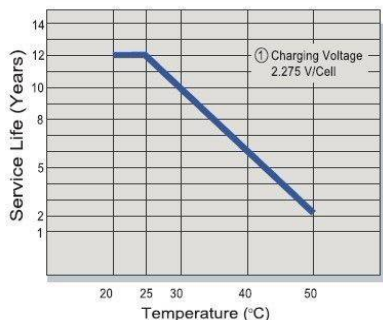
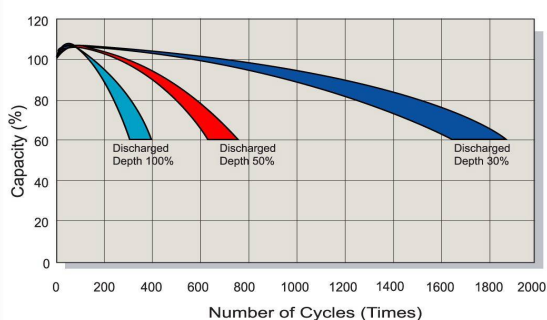


M6 Bolt

SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	75Ah	
Terminal	M6	
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