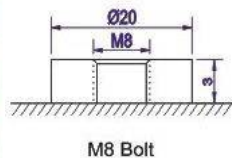
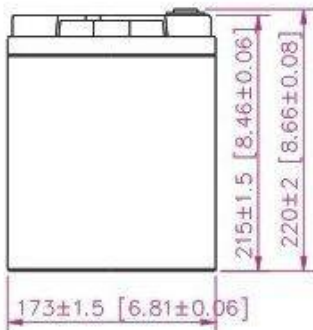
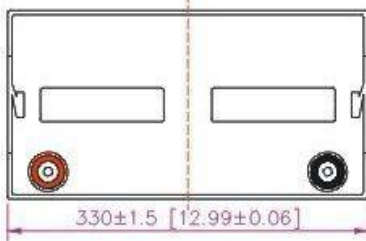
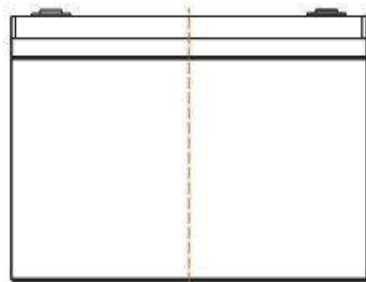
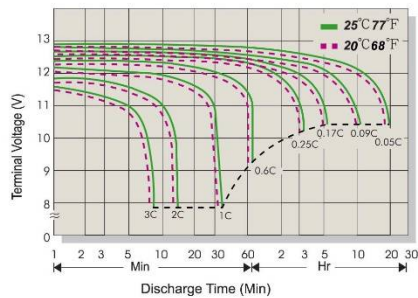
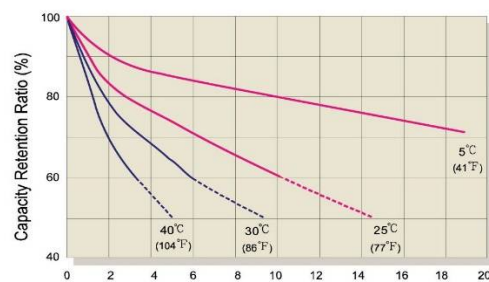
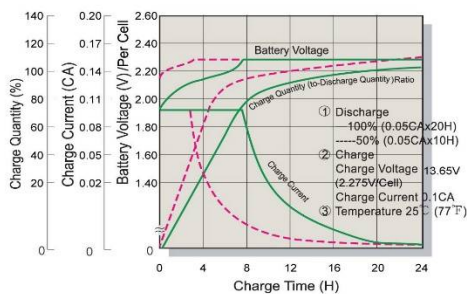
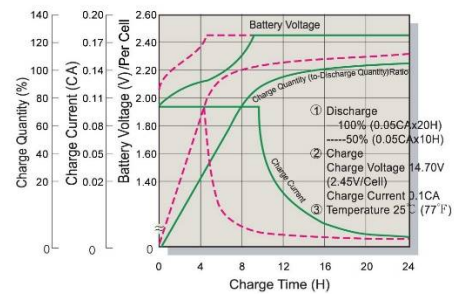
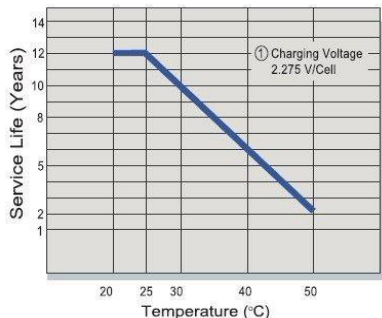
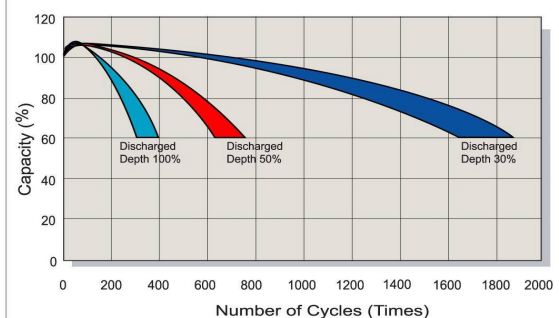



DATASHEET
GHL 120-12B
12V 120AH
GEL SEALED VRLA BATTERY
LONG LIFE 12 YEARS OF EXPECTED LIFETIME
 (EUROBAT)

SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	120Ah	
Terminal	T13 (M8)	
Approx. Weight	Approx 30,5 kg (67,24 lbs)	
Container Material	ABS UL94 V0	
Dimensions	Length	330±2 mm (12,99 inches)
	Width	173±2 mm (6,81 inches)
	Container Height	215±2 mm (8,46 inches)
	Total Height (with terminal)	220±2 mm (8,66 inches)
Rated Capacity	124,8 Ah	20 hr (6,24A 10,8V, 25°C)
	120 Ah	10 hr (10A 10,8V, 25°C)
	88 Ah	5 hr (17,6A 10,5V, 25°C)
	82 Ah	3 hr (27,3A 10,5V, 25°C)
Max. Discharge Current	1.350,0 A (5 s)	
Internal Resistance	Approx 7,3 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)	88%
	-15°C (5°F)	78%
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	271,2	199,7	173,4	104,6	61,6	36,30	27,10	22,81	18,78	17,28	13,80	11,52	6,00
1,80V/Cell	281,5	207,4	180,0	108,6	64,2	37,80	28,20	23,76	19,56	18,00	14,40	12,00	6,24
1,75V/Cell	309,7	217,7	189,0	112,9	66,8	38,90	29,00	24,00	19,76	18,18	14,54	12,12	6,30
1,70V/Cell	346,3	228,1	198,0	118,4	68,1	39,70	29,60	24,24	19,95	18,36	14,69	12,24	6,37
1,67V/Cell	366,8	234,7	203,7	120,7	69,8	40,49	30,23	24,50	20,17	18,56	14,85	12,37	6,43
1,60V/Cell	382,9	238,5	207,0	121,6	70,6	40,80	30,50	24,47	20,15	18,54	14,83	12,36	6,44

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	515,2	379,5	329,4	198,7	117,1	68,9	51,40	43,34	35,68	32,83	26,26	21,89	11,16
1,80V/Cell	534,9	394,0	342,0	206,3	122,0	71,8	53,60	45,14	37,16	34,20	27,36	22,80	11,40
1,75V/Cell	288,4	413,7	359,1	214,6	126,9	74,0	55,20	45,60	37,54	34,54	27,63	23,03	11,51
1,70V/Cell	657,9	433,4	376,2	224,9	129,3	75,4	56,30	46,05	37,91	34,88	27,90	23,26	11,63
1,67V/Cell	727,7	453,1	393,4	231,0	134,2	77,5	58,0	46,5	38,3	35,2	28,2	23,5	11,8
1,60V/Cell	727,4	453,1	393,3	231,1	134,2	77,6	57,90	46,50	38,28	35,23	28,18	23,48	11,74