



NON-SPILLABLE SEALED RECHARGEABLE BATTERY

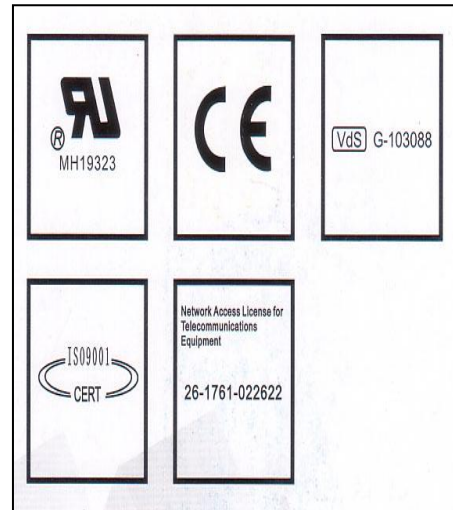
CB6120 (6V12AH/20HR)



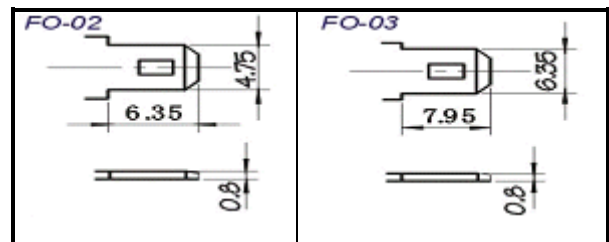
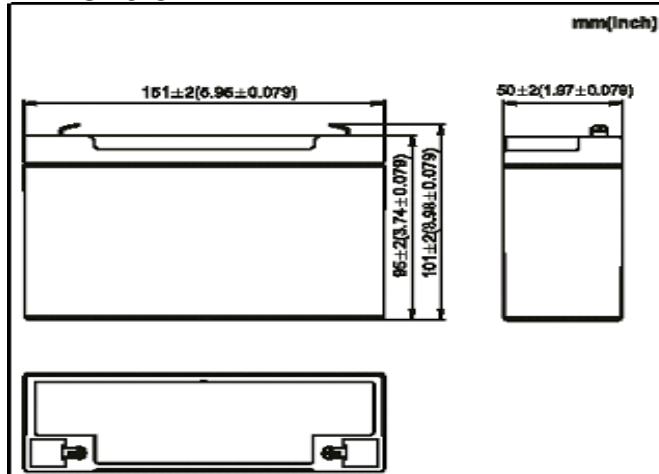
Contributing to the future

Specification

공칭전압	6V
정격용량	12Ah @ 20hr rate to 1.75V per cell @ 20°C
제품중량	2.15kg
최대방전전류	120A (5sec)
단락전류	360A (0.1sec)
내부저항	Approx. 8.0mΩ @ 25°C, Full charging
최대충전전류	4.8A
정전압 충전 특성 (@ 25°C)	부동충전 (Stand-by use) 2.275 ± 0.025V/cell 사이클 (Cycle use) 2.450 ± 0.025V/cell
수명특성	부동충전 용도 3~5년 @ 20°C 사이클 용도 30% DOD 1300 cycles 50% DOD 600 cycles 100% DOD 320 cycles
용량보존 특성 (@ 25°C)	3개월 후 92%, 6개월 후 85%, 12개월 후 70%
용량과 온도와의 관계	@ 40°C 102%, @ 20°C 100%, @ 0°C 85%, @ -10°C 72%
단자형식	Faston 187(FO-02), Optional Faston 250(FO-03)
케이스 재질	Special ABS resin Optional flame retardant ABS



Dimension



Application



EL Medical Security
모터구동 장난감 용도등

Constant current discharge characteristics(@25°C)

V/cell	1'	5'	10'	20'	30'	40'	50'	1h	2h	3h	5h	8h	10h	20h
1.90	21.31	18.13	13.79	11.72	10.00	6.97	6.00	4.44	3.24	2.40	1.60	1.09	0.92	0.52
1.85	31.50	20.69	18.18	12.90	10.91	7.89	6.67	5.22	3.43	2.50	1.71	1.20	1.00	0.55
1.80	36.14	29.62	24.83	14.12	11.88	8.89	7.50	6.32	3.75	2.79	1.82	1.22	1.09	0.57
1.75	40.72	31.32	25.36	14.55	12.24	9.16	7.74	6.67	3.93	2.86	1.90	1.28	1.10	0.60
1.70	42.74	33.04	27.08	15.00	12.90	9.45	8.00	7.06	4.14	3.00	2.09	1.33	1.18	0.61
1.65	46.30	34.46	28.36	15.38	13.33	9.68	8.33	7.14	4.21	3.08	2.12	1.36	1.19	0.62
1.60	50.80	35.50	29.80	15.80	14.00	9.99	8.57	7.20	4.06	3.14	2.14	1.32	1.20	0.63