



NON-SPILLABLE SEALED RECHARGEABLE BATTERY

CB1240 (12V4.0AH/20HR)

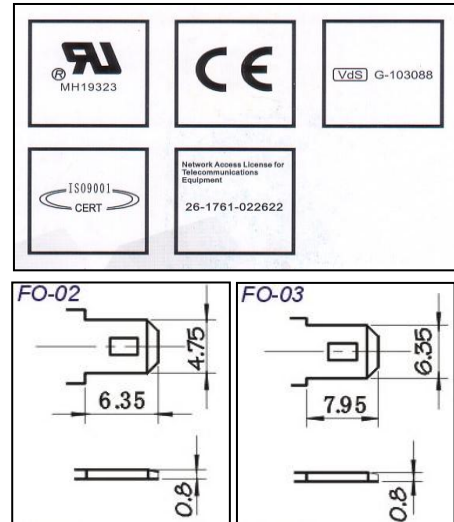


Contributing to the future

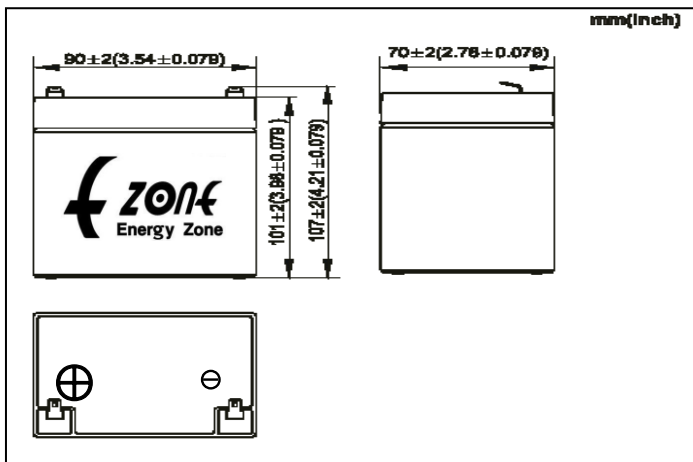
Specification

공칭전압	12V
정격용량	4.00Ah @ 20hr rate to 1.75V per cell @ 20°C
제품중량	1.90g
최대방전전류	40A (5.0sec)
단락전류	120A (0.1sec)
내부저항	Approx. 38mΩ @ 25°C, Full charging
최대충전전류	1.60 Ampere(A)
정전압 충전 특성 (@ 25°C)	부동충전 2.275 ± 0.025V/cell (-3.3mV/°C/cell) 사이클 2.450 ± 0.025V/cell (-5.0mV/°C/cell)
수명특성	부동충전 용도 3~5년 @ 20°C 사이클 용도 30% DOD 1300 cycles 50% DOD 600 cycles 100% DOD 270 cycles
용량보존 특성(@ 25°C)	3개월 후 92%, 6개월 후 85%, 12개월 후 70%
용량과 온도의 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	General ABS resin Optional flame retardant ABS

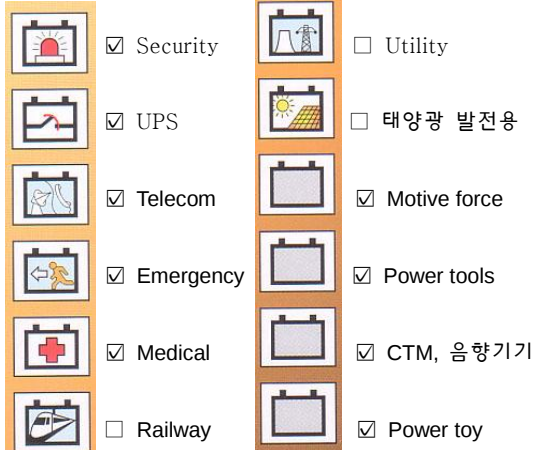
Certification



Dimension



Application



Constant current discharge characteristics(@25°C)

V/cell	1'	5'	10'	20'	30'	40'	50'	1h	2h	3h	5h	8h	10h	20h
1.90	7.10	6.04	4.60	3.91	3.33	2.32	2.00	1.48	1.08	0.80	0.53	0.36	0.31	0.17
1.85	10.50	6.90	6.06	4.30	3.64	2.63	2.22	1.74	1.14	0.83	0.57	0.40	0.33	0.18
1.80	12.50	9.87	8.28	4.71	3.96	2.96	2.50	2.11	1.25	0.93	0.61	0.41	0.36	0.19
1.75	13.57	10.44	8.45	4.85	4.08	3.05	2.58	2.22	1.31	0.95	0.63	0.43	0.37	0.20
1.70	14.25	11.01	9.03	5.00	4.30	3.15	2.67	2.35	1.38	1.00	0.70	0.44	0.39	0.20
1.65	15.43	11.49	9.45	5.13	4.44	3.23	2.78	2.38	1.40	1.03	0.71	0.45	0.40	0.21
1.60	16.90	11.80	9.92	5.26	4.65	3.33	2.86	2.40	1.35	1.05	0.71	0.44	0.40	0.21