



NON-SPILLABLE SEALED RECHARGEABLE BATTERY

CB12500 (12V50AH/10HR)



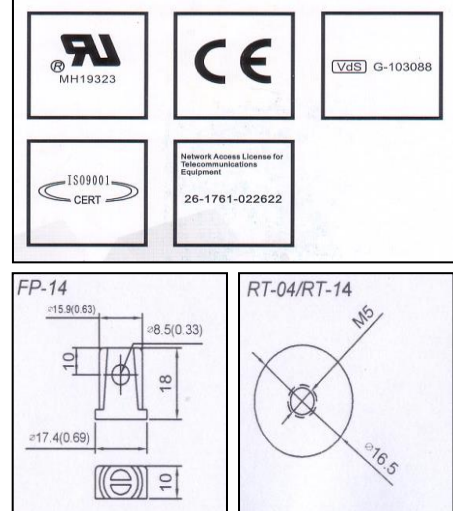
Contributing to the future

TOTAL BATTERY SERVICE SYSTEM

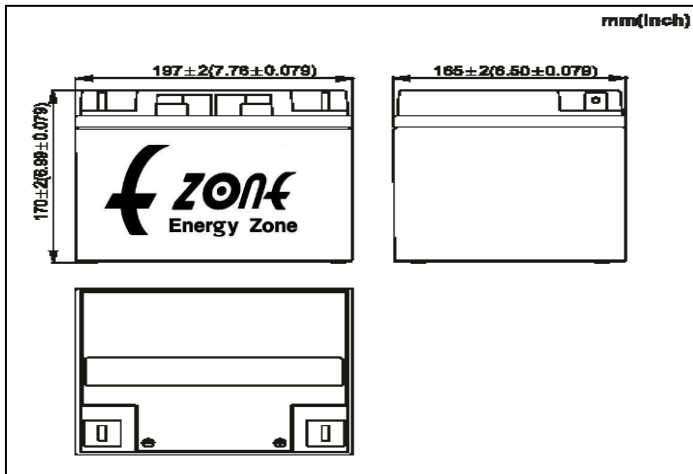
Specification

공칭전압	12V
정격용량	50Ah @ 10hr rate to 1.75V per cell @ 20°C
5 시간율	46.35Ah @ 5hr rate to 1.70V per cell @ 20°C
제품중량	14.6kg (33.13lbs)
단락전류	850A (0.1sec)
내부저항	Approx. 8mΩ @ 25°C, Full charging
최대충전전류	20.0 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 3~5 년 @ 20°C 사이클 용도 30% DOD 1300 cycles 50% DOD 600 cycles 100% DOD 270 cycles
용량보존 특성(@ 25°C)	3 개월 후 92%, 6 개월 후 85%, 12 개월 후 70%
용량과 온도와의 관계	@ 40°C 102%, @ 20°C 100%, @ 0°C 85%, @ -10°C 72%.
단자형식 / 케이스재질	FP-03 / General ABS resin
제품 치수 (mm)	L 197 W 165 T 170 TH 170

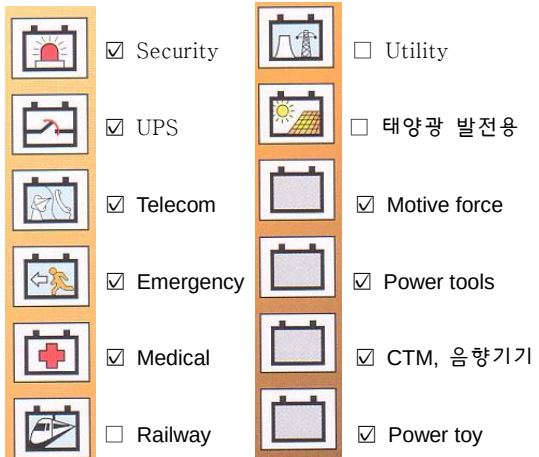
Certification



Dimension



Application



Constant current discharge characteristics(@25°C)

V/cell	5'	10'	15'	30'	1h	2h	3h	4h	5h	8h	10h	20h
1.90	80.60	69.40	55.60	45.50	24.40	15.20	11.76	8.93	7.69	4.85	4.17	2.32
1.85	90.90	82.00	73.19	49.50	27.03	16.61	12.56	9.80	8.26	5.68	4.55	2.42
1.80	127.2	107.94	82.89	51.02	30.30	18.32	13.48	10.82	8.77	5.95	4.76	2.54
1.75	135.8	112.8	88.80	52.60	31.10	18.87	13.89	11.01	8.93	6.23	5.00	2.61
1.70	143.6	121.0	93.80	55.60	35.70	19.61	14.08	11.14	9.27	6.30	5.12	2.69
1.65	150.1	133.98	105.66	57.47	32.26	20.33	14.93	11.79	9.71	6.59	5.26	2.73
1.60	160.0	146.0	118.0	60.00	33.00	20.80	15.60	13.20	10.06	6.85	5.43	2.79