



NON-SPILLABLE SEALED RECHARGEABLE BATTERY

CB12180 (12V18AH/20HR)

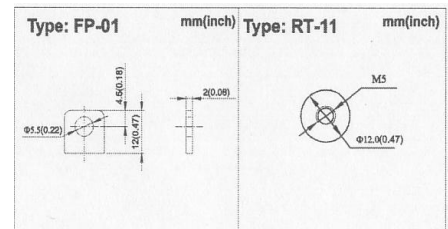
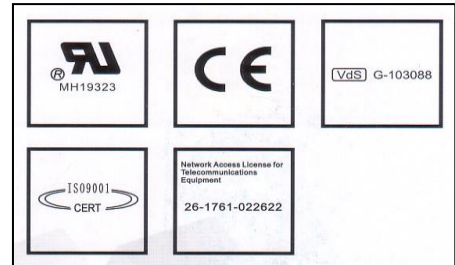
Contributing to the future

Specification

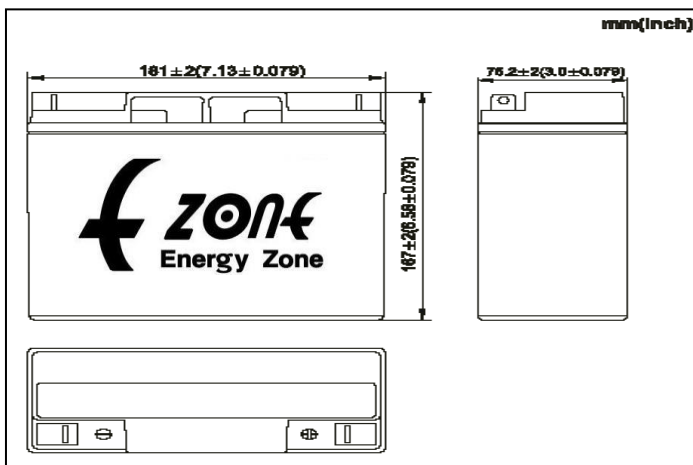
공칭전압	12V
정격용량	18Ah @ 20hr rate to 1.75V per cell @ 20°C
제품중량	6.30kg
최대방전전류	180A (5.0sec)
단락전류	540A (0.1sec)
내부저항	Approx. 13mΩ @ 25°C, Full charging
최대충전전류	7.20 Ampere(A)
정전압 충전 특성 (@ 25°C)	부동충전 2.275 ± 0.025V/cell (-3.3mV/°C/cell) 사이클 2.450 ± 0.025V/cell (-5.0mV/°C/cell)
수명특성	부동충전 용도 3~5년 @ 20°C 사이클 용도 30% DOD 1300 cycles 50% DOD 600 cycles 100% DOD 270 cycles
용량보존 특성(@ 25°C)	3개월후 92%, 6개월후 85%, 12개월후 70%
용량과 온도와의 관계	@ 40°C 102%, @ 20°C 100%, @ 0°C 85%, @ -10°C 72%,
단자형식	FP-01 Optional RT-11
케이스 재질	General ABS resin Optional flame retardant ABS



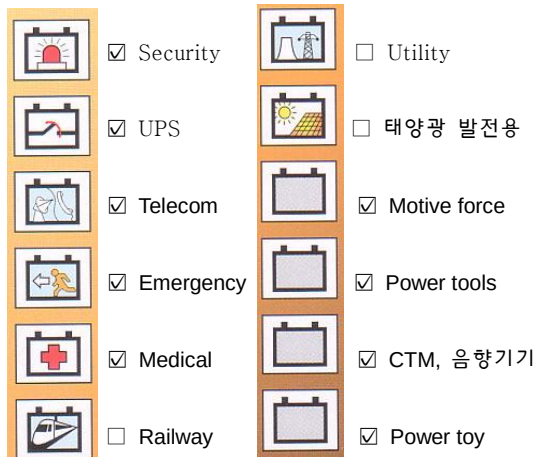
Certification



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	31.97	27.19	20.69	17.58	15.00	10.45	9.00	6.67	4.86	3.60	2.40	1.64	1.38	0.78
1.85	47.24	31.03	27.27	19.35	16.36	11.84	10.00	7.83	5.14	3.75	2.57	1.80	1.50	0.82
1.80	54.22	44.43	37.25	21.18	17.82	13.33	11.25	9.47	5.63	4.19	2.73	1.84	1.64	0.86
1.75	61.08	46.97	38.04	21.82	18.37	13.74	11.61	10.00	5.90	4.29	2.86	1.91	1.65	0.90
1.70	64.10	49.56	40.61	22.50	19.35	14.17	12.00	10.59	6.21	4.50	3.13	2.00	1.76	0.91
1.65	69.44	51.69	42.53	23.08	20.00	14.52	12.50	10.71	6.32	4.62	3.19	2.05	1.78	0.92
1.60	76.20	53.20	44.60	23.70	20.90	15.00	12.90	10.80	6.09	4.71	3.21	1.98	1.80	0.94