



NON-SPILLABLE SEALED RECHARGEABLE BATTERY

CB12400 (12V40AH/10HR)



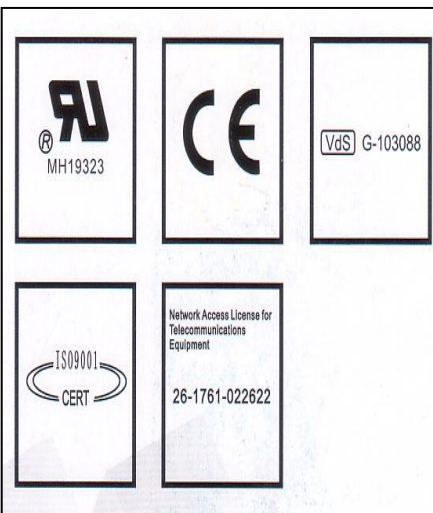
Contributing to the future

TOTAL BATTERY SERVICE SYSTEM

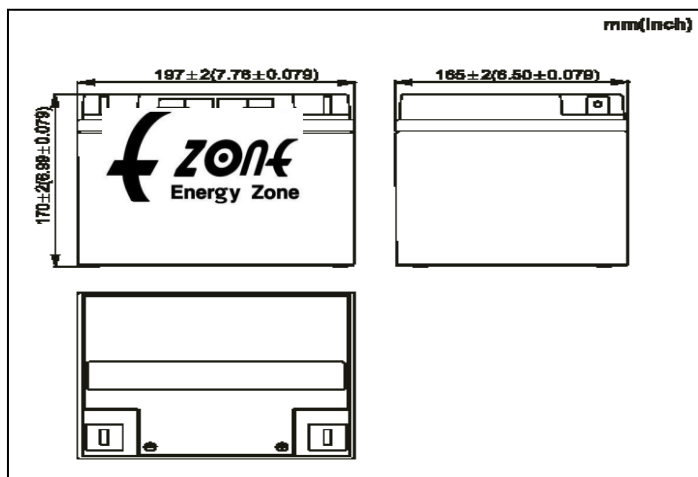
Specification

Nominal Voltage	12V
Nominal Capacity	40Ah @ 10hr rate to 1.75V per cell @ 20°C
5hr Capacity	36.4Ah @ 5hr rate to 1.70V per cell @ 20°C
Weight	13.9kg (30.56lbs)
Max Discharge Current	800A (0.1sec)
Internal Resistance	Approx. 8mΩ @ 25°C, Full charging
Max Charging Current	16.0 Ampere(A)
Charging Voltage (25°C)	Standby USE 2.275 ± 0.025V/cell (-3.3mV/°C /cell) Cycle USE 2.450 ± 0.025V/cell (-5.0mV/°C /cell)
Expected Life	Standby USE 3~5 Years @ 20°C Cycle USE 30% DOD 1300 cycles 50% DOD 600 cycles 100% DOD 270 cycles
Self-discharge(@ 25°C)	3month 92%, 6month 85%, 12 month 70%
Temperature effect	@ 40°C 102%, @ 20°C 100%, @ 0°C 85%, @ -10°C 72%,
Terminal / Case	FP-03 / General ABS resin
Dimension (mm)	L 197 W 165 T 170 TH 170

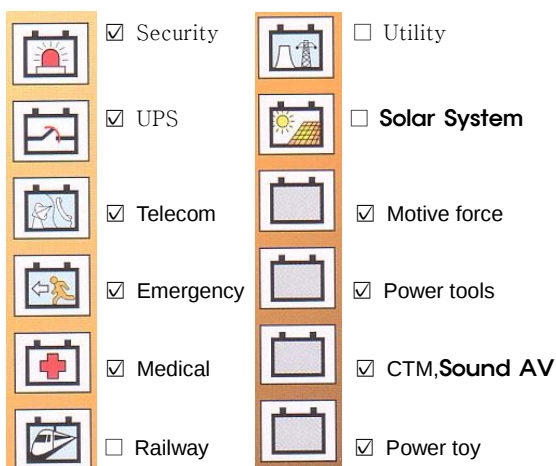
Certification



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	75.00	64.50	55.60	41.20	36.40	23.80	21.30	19.50	12.20	9.41	6.15	3.88	3.33	1.85
1.85	114.0	72.70	65.60	44.94	39.60	27.21	23.67	21.62	13.29	10.05	6.61	4.55	3.64	1.94
1.80	125.0	101.7	86.36	48.19	40.82	32.00	26.67	24.24	14.65	10.78	7.02	4.76	3.81	2.03
1.75	142.9	108.6	90.30	50.00	42.10	33.60	27.60	24.80	15.09	11.11	7.14	4.99	4.00	2.09
1.70	152.0	114.9	96.80	52.60	44.40	34.50	28.60	25.48	15.69	11.27	7.28	5.04	4.10	2.15
1.65	171.5	120.0	107.18	56.34	45.98	35.71	30.53	25.81	16.26	11.94	7.77	5.27	4.21	2.18
1.60	179.0	128.0	117.0	60.00	48.00	39.60	33.30	26.40	16.70	12.50	8.05	5.48	4.35	2.23