

Range Summary

- Using oxygen recombination technology: maintenance-free**
- PbCaSn alloy for plate grids: low self discharge rate than 3% per month**
- High quality AGM separator: extend cycle life and prevent micro short circuit retardant**
- High purity raw material: 99.99% pure lead**

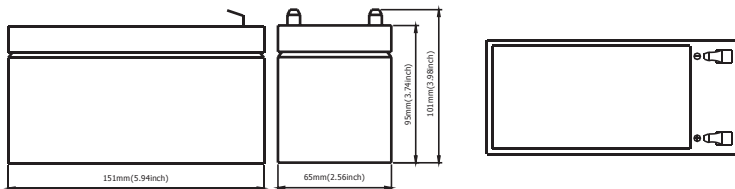
Application

- Cable Television**
- Communication Equipment**
- Security System**

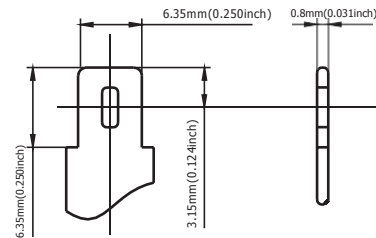
- UPS**
- Control Equipment**
- Medical Equipment**
- Emergency Power**



Battery Dimensions

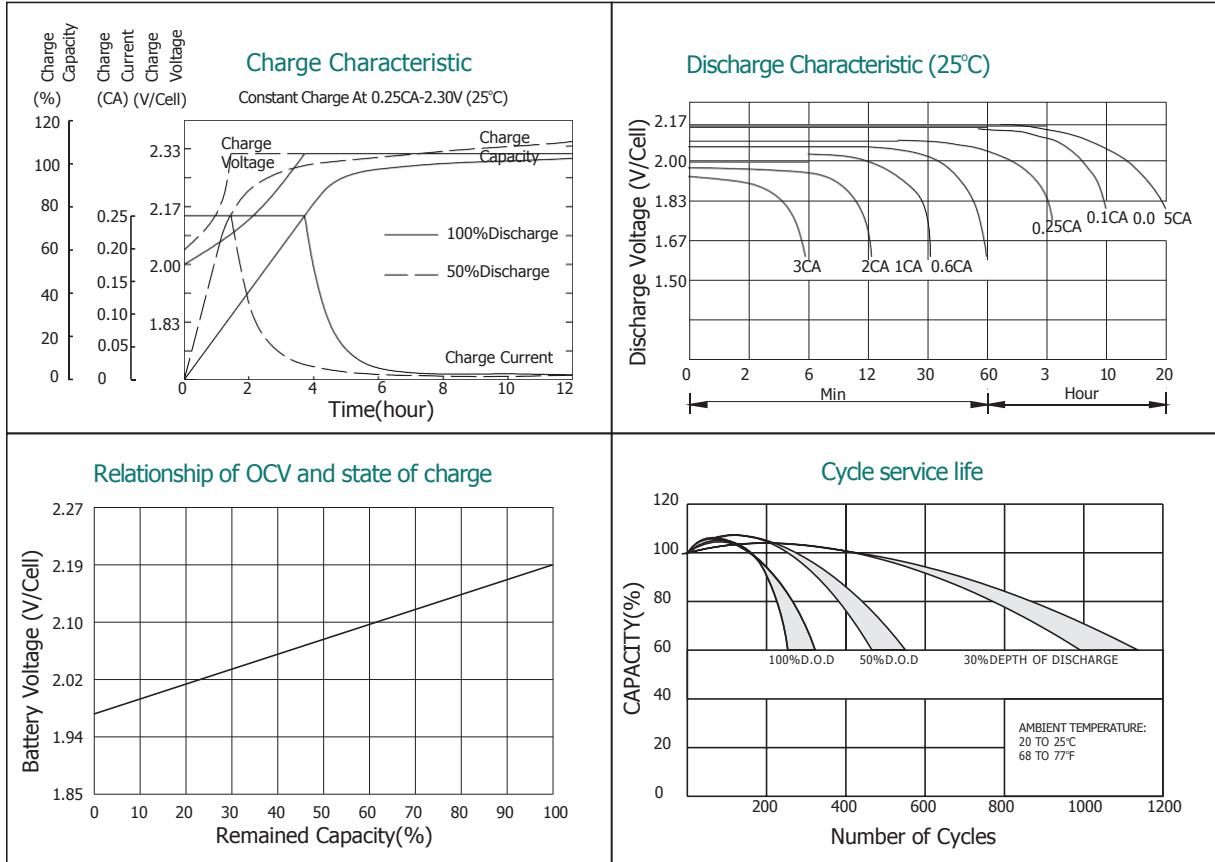


Terminal Dimensions



Technical Specifications

Battery Model	12V7.5			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.375A,1.80V)	10HR(0.68A,1.80V)	5HR(1.27A,1.75V)	1HR(4.90A,1.60V)
	7.5AH	6.80AH	6.35AH	4.90AH
Dimensions	Length	Width	Height	Total Height
	151mm(5.94inch)	65mm(2.56inch)	95mm(3.74inch)	101mm(3.98inch)
Approx. Weight	2.45Kg (5.39 lbs)			
Internal Resistance	Full charged at 25°C: 0.02 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	109%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-14.8V(-30mV/ °C), max. Current: 2.25A		13.6-13.8V(-18mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F. V/ Time	5 M IN	10 M IN	15 M IN	30 M IN	1 H R	3H R	5 HR	10 HR	20 HR
1.60 V	29.3	18.2	14.7	8.80	4.90	2.34	1.36	0.70	0.42
1.67 V	27.5	17.3	14.2	8.42	4.84	2.25	1.33	0.70	0.41
1.70 V	25.2	16.7	13.8	7.66	4.69	2.10	1.30	0.69	0.40
1.75 V	24.7	16.1	13.4	7.27	4.47	2.03	1.27	0.69	0.39
1.80 V	22.1	15.4	12.2	6.74	4.19	1.95	1.20	0.68	0.38
1.85 V	19.5	14.7	10.9	6.20	3.90	1.88	1.12	0.67	0.37

Constant power discharge ratings-watts at 25°C

F. V/ Time	5 M IN	10 M IN	15 M IN	30 M IN	1 H R	3 H R	5 H R	10 H R	20 H R
1.60 V	51.4	32.9	26.8	15.9	8.85	4.15	2.30	1.41	0.84
1.67 V	49.6	32.1	26.5	15.5	8.80	4.02	2.29	1.40	0.81
1.70 V	47.8	31.8	26.3	14.5	8.63	3.84	2.26	1.39	0.80
1.75 V	47.0	31.7	26.1	14.1	8.48	3.75	2.24	1.37	0.78
1.80 V	43.0	31.2	24.2	13.5	7.99	3.64	2.17	1.36	0.76
1.85 V	39.0	29.6	22.0	12.6	7.52	3.53	2.10	1.34	0.73

Quality Management System Authentication

CE authentication

