

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



ISO 9001

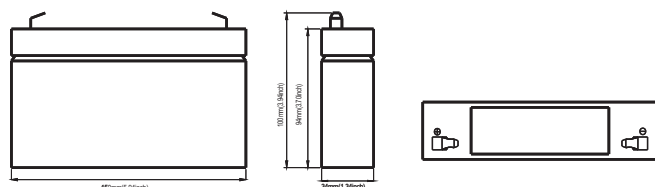


ISO 14001

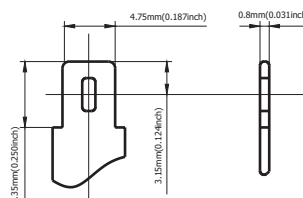


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Battery Dimensions

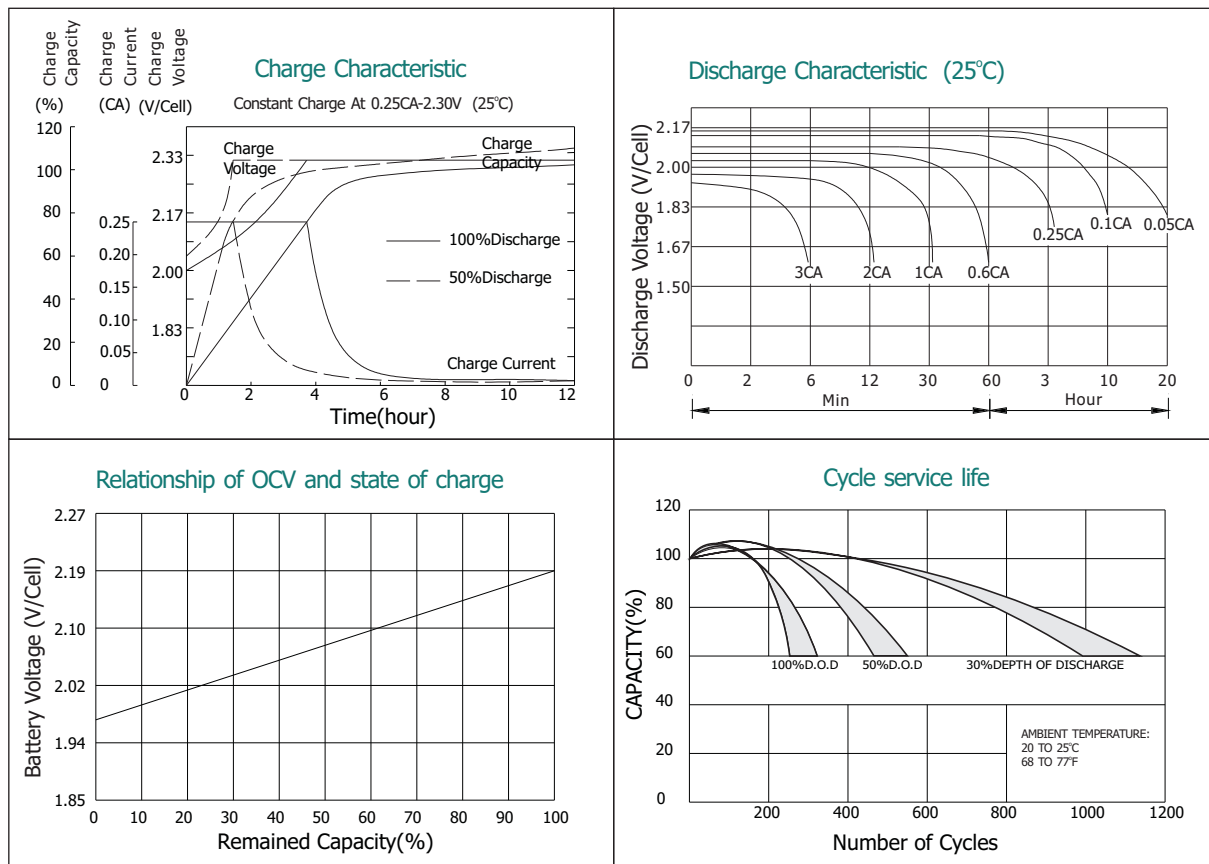


Terminal Dimensions



Technical Specifications

Battery Model	VT6-7.2			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.35A,1.80V)	10HR(0.65A,1.80V)	5HR(1.22A,1.75V)	1HR(4.71A,1.60V)
	7.0AH	6.5AH	6.10AH	4.71AH
Dimensions	Length	Width	Height	Total Height
	151mm(5.94inch)	34mm(1.34inch)	94mm(3.70inch)	100mm(3.94inch)
Approx. Weight	1.05Kg			
Internal Resistance	Full charged at 25°C: 0.013 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	
	7.2-7.5V(-15mV/ °C), max. Current: 2.16A		6.8-6.9V(-10mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	28.1	17.5	13.2	8.05	4.71	2.25	1.30	0.68	0.39
1.67V	26.4	16.6	12.7	7.70	4.65	2.16	1.28	0.67	0.38
1.70V	24.2	16.0	12.4	7.00	4.50	2.02	1.25	0.67	0.37
1.75V	23.7	15.5	12.0	6.65	4.29	1.95	1.22	0.66	0.36
1.80V	21.2	14.8	10.9	6.16	4.02	1.87	1.15	0.65	0.35
1.85V	18.7	14.1	9.8	5.67	3.74	1.80	1.08	0.64	0.34

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	49.3	31.6	24.1	14.5	8.50	3.98	2.20	1.35	0.78
1.67V	47.6	30.8	23.8	14.2	8.44	3.86	2.19	1.34	0.76
1.70V	45.1	30.5	23.6	13.3	8.28	3.69	2.17	1.33	0.75
1.75V	44.8	30.4	23.4	12.9	8.14	3.60	2.15	1.32	0.72
1.80V	41.3	30.0	21.7	12.3	7.68	3.49	2.08	1.30	0.70
1.85V	37.4	28.4	19.7	11.5	7.22	3.39	2.01	1.28	0.67

Quality Management System Authentication GB/T19001-2008 NO.00113Q29865ROM/4200	CE authentication CE12-GPE 120171	        
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