

General purpose application series

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

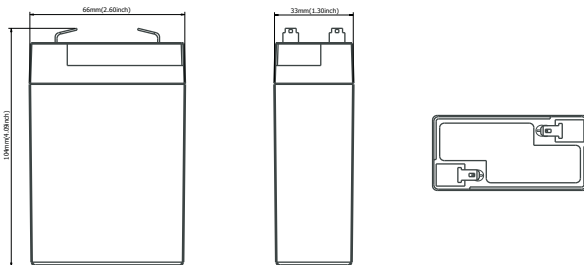


ISO 14001

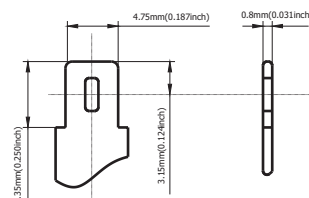


CE

Battery Dimensions

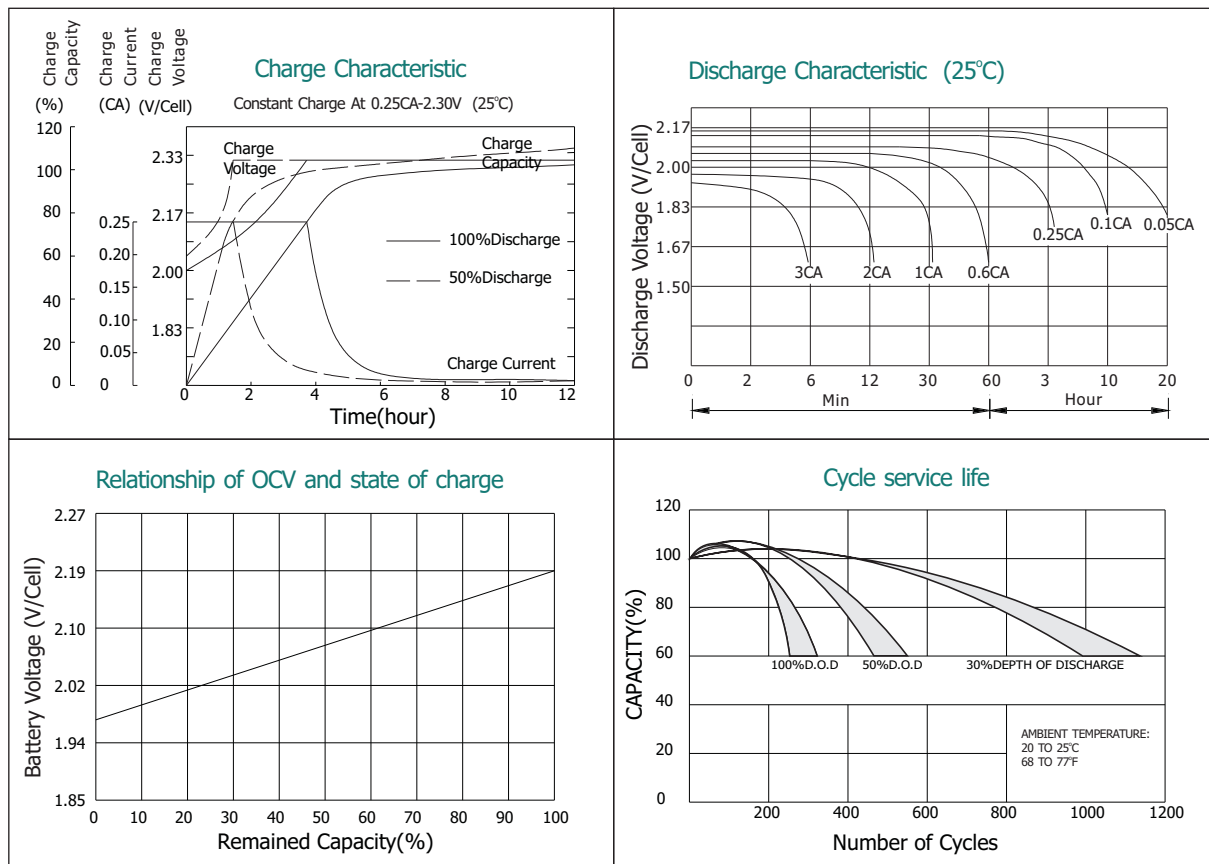


Terminal Dimensions



Technical Specifications

Battery Model	VT-6-2.8			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.14A,1.80V)	10HR(0.25A,1.80V)	5HR(0.48A,1.75V)	1HR(1.83A,1.60V)
	2.8AH	2.5AH	2.40AH	1.83AH
Dimensions	Length	Width	Height	Total Height
	66mm(2.60inch)	33mm(1.30inch)	97mm(3.82inch)	104mm(4.09inch)
Approx. Weight	0.5Kg			
Internal Resistance	Full charged at 25°C: 0.038 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: 0.84A		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	10.94	6.81	5.13	3.13	1.83	0.87	0.51	0.263	0.157
1.67V	10.27	6.46	4.94	2.99	1.81	0.84	0.50	0.260	0.152
1.70V	9.41	6.22	4.82	2.72	1.75	0.78	0.49	0.259	0.149
1.75V	9.22	6.03	4.67	2.59	1.67	0.76	0.48	0.256	0.145
1.80V	8.25	5.76	4.24	2.40	1.56	0.73	0.45	0.252	0.141
1.85V	7.28	5.48	3.81	2.21	1.46	0.70	0.42	0.249	0.137

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	19.2	12.3	9.37	5.64	3.30	1.55	0.86	0.526	0.314
1.67V	18.5	12.0	9.26	5.52	3.28	1.50	0.85	0.522	0.302
1.70V	17.5	11.9	9.18	5.17	3.22	1.43	0.84	0.519	0.299
1.75V	17.4	11.8	9.10	5.02	3.17	1.40	0.83	0.513	0.291
1.80V	16.1	11.6	8.44	4.78	2.98	1.36	0.81	0.506	0.284
1.85V	14.6	11.1	7.65	4.48	2.81	1.32	0.78	0.499	0.273

Quality Management System Authentication	CE authentication	CE	UL	Pb	Pb	Recycling	Fire	Explosion	Shock	Corrosion
GB/T19001-2008 NO.00113Q29865ROM/4200	CE12-GPE 120171									

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