

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

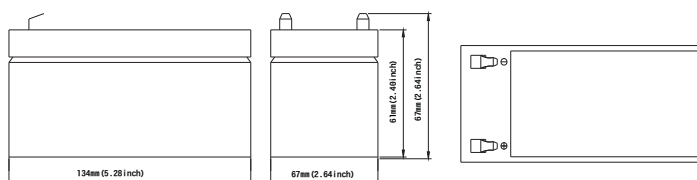


ISO 14001

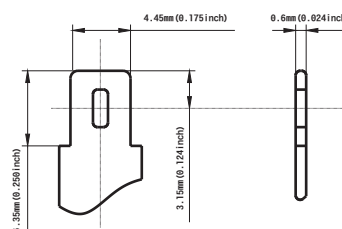


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Battery Dimensions

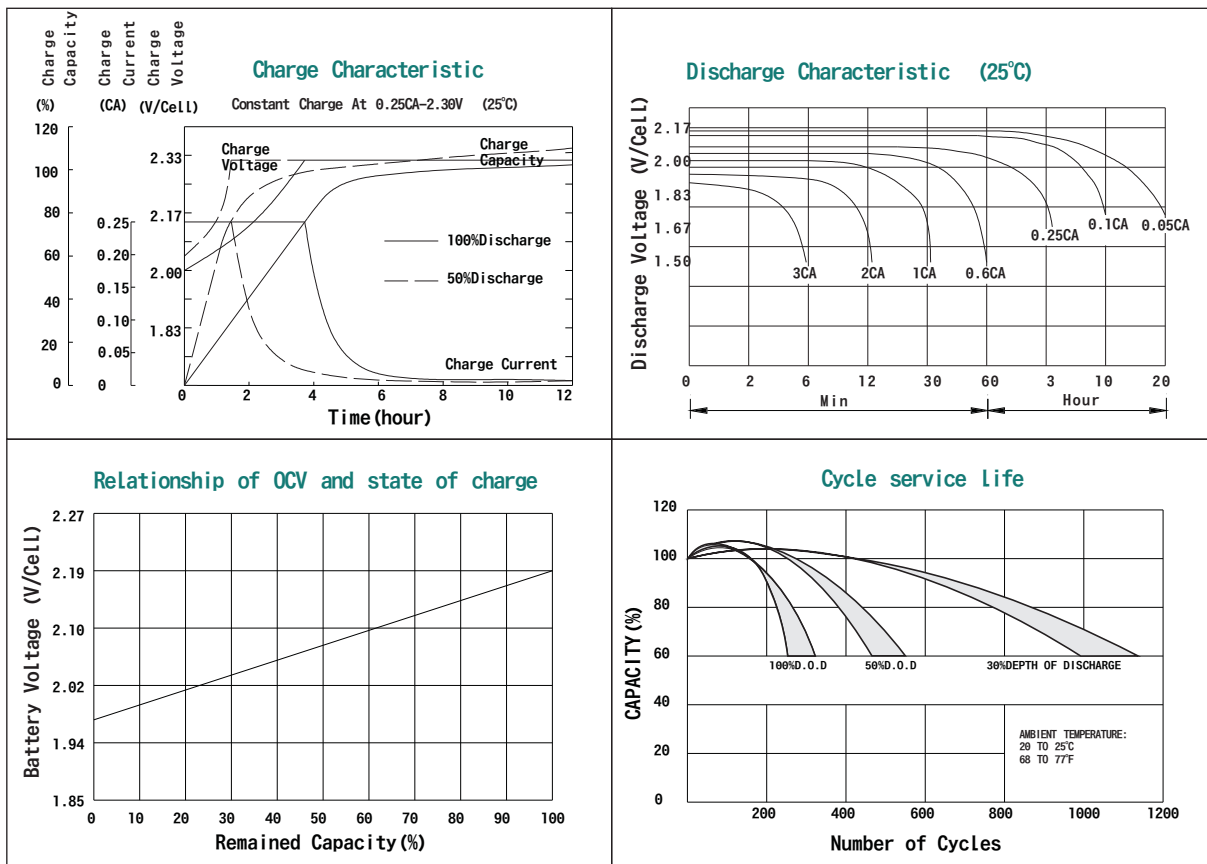


Terminal Dimensions



Technical Specifications

Battery Model	VT12-3.3			
Designed Floating Life	5 Years			
Capacity (25°C)	20HR (0.165A, 1.80V)	10HR (0.31A, 1.80V)	5HR (0.58A, 1.75V)	1HR (2.22A, 1.60V)
	3.3AH	3.1AH	2.9AH	2.22AH
Dimensions	Length	Width	Height	Total Height
	134mm (5.28 inch)	67mm (2.64 inch)	61mm (2.40 inch)	67mm (2.64 inch)
Approx. Weight	1.28Kg			
Internal Resistance	Full charged at 25°C : 0.035 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: 1.0A		13.6-13.8V (-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V /T in e	5 M IN	10 M IN	15 M IN	30 M IN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60V	13.3	8.26	6.23	3.80	2.22	1.06	0.62	0.319	0.191
1.67V	12.5	7.84	6.00	3.64	2.19	1.02	0.60	0.316	0.184
1.70V	11.4	7.56	5.86	3.31	2.13	0.95	0.59	0.315	0.180
1.75V	11.2	7.32	5.67	3.14	2.03	0.92	0.58	0.311	0.176
1.80V	10.0	6.99	5.15	2.91	1.90	0.88	0.54	0.306	0.165
1.85V	8.84	6.66	4.63	2.68	1.77	0.85	0.51	0.302	0.161

Constant power discharge ratings-watts at 25°C

F.V/T in e	5 M IN	10 M IN	15 M IN	30 M IN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60V	23.3	14.9	11.4	6.85	4.01	1.88	1.04	0.64	0.38
1.67V	22.5	14.5	11.2	6.71	3.99	1.82	1.04	0.63	0.37
1.70V	22.0	14.4	11.1	6.28	3.91	1.74	1.02	0.63	0.36
1.75V	21.3	14.4	11.1	6.09	3.85	1.70	1.01	0.62	0.35
1.80V	19.5	14.1	10.2	5.81	3.62	1.65	0.98	0.61	0.34
1.85V	17.7	13.4	9.29	5.44	3.41	1.60	0.95	0.61	0.33

Quality Management System Authentication GB/T19001-2008 NO.00113Q29865ROM/4200	CE authentication CE12-GPE 120171	CE	UL	Pb	Pb	Recycling	No Fire	No Open Flame	No Smoking	No Eating/Drinking	No Disposal
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