

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

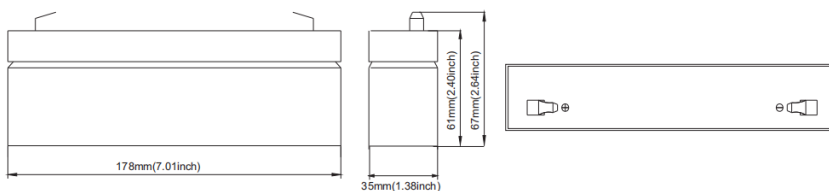


ISO 14001

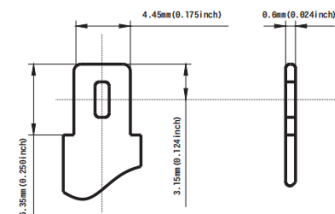


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Battery Dimensions

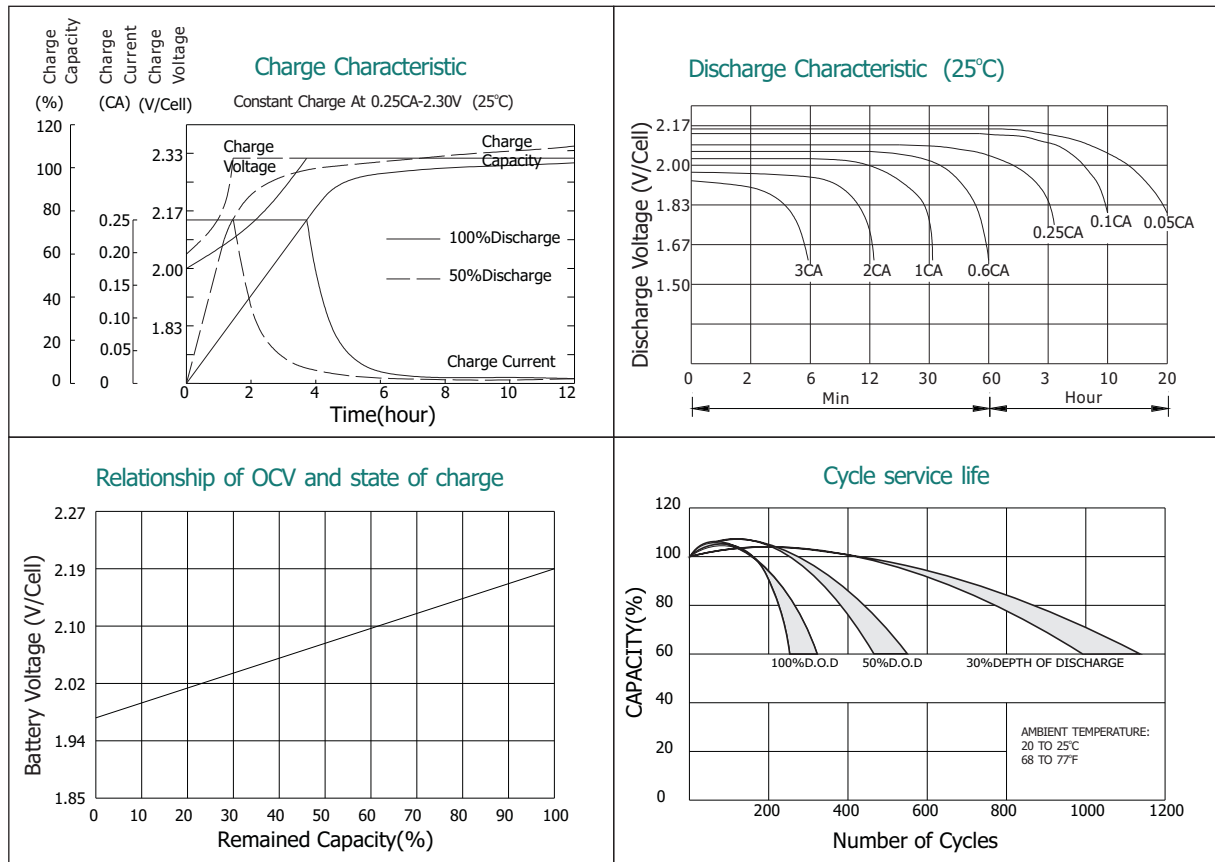


Terminal Dimensions



Technical Specifications

Battery Model	VT12-2.3			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.115A,1.80V)	10HR(0.21A,1.80V)	5HR(0.39A,1.75V)	1HR(1.50A,1.60V)
	2.3AH	2.1AH	1.95AH	1.50AH
Dimensions	Length	Width	Height	Total Height
	182mm(7.17inch)	24mm(0.94inch)	62mm(2.44inch)	62mm(2.44inch)
Approx. Weight	0.94Kg			
Internal Resistance	Full charged at 25°C: 0.06 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: 0.69A		13.6-13.8V(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V/T in e	5M IN	10M IN	15M IN	30M IN	1HR	3HR	5HR	10HR	20HR
1.60V	8.99	5.59	4.22	2.57	1.50	0.72	0.42	0.216	0.129
1.67V	8.43	5.30	4.06	2.46	1.48	0.69	0.41	0.214	0.125
1.70V	7.73	5.11	3.96	2.24	1.44	0.64	0.40	0.213	0.123
1.75V	7.57	4.95	3.83	2.12	1.37	0.62	0.39	0.210	0.119
1.80V	6.78	4.73	3.48	1.97	1.28	0.60	0.37	0.207	0.116
1.85V	5.98	4.50	3.13	1.81	1.20	0.58	0.34	0.204	0.113

Constant power discharge ratings-watts at 25°C

F.V/T in e	5M IN	10M IN	15M IN	30M IN	1HR	3HR	5HR	10HR	20HR
1.60V	15.8	10.1	7.70	4.63	2.71	1.27	0.704	0.432	0.258
1.67V	15.2	9.84	7.60	4.54	2.70	1.23	0.701	0.429	0.248
1.70V	14.4	9.74	7.54	4.25	2.65	1.18	0.692	0.426	0.245
1.75V	14.3	9.71	7.48	4.12	2.60	1.15	0.686	0.421	0.239
1.80V	13.2	9.57	6.93	3.93	2.45	1.12	0.665	0.416	0.233
1.85V	12.0	9.08	6.29	3.68	2.31	1.08	0.643	0.410	0.224

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