

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

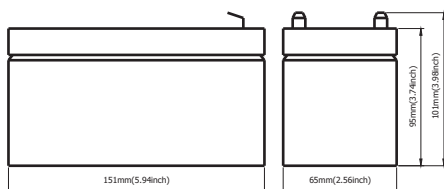


ISO 14001

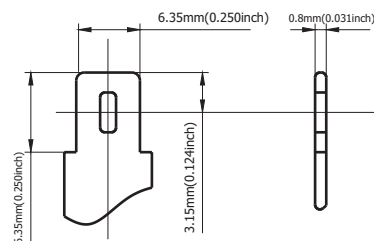


CE

Battery Dimensions



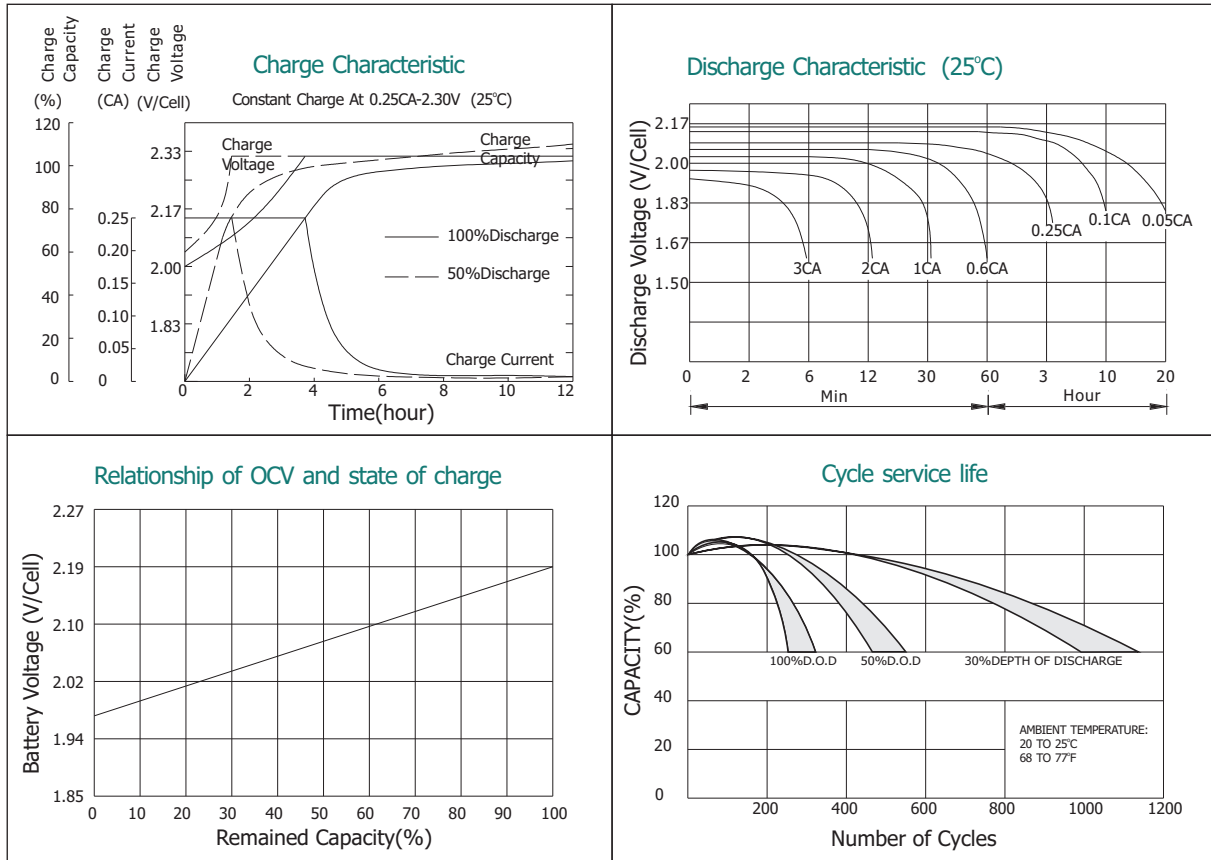
Terminal Dimensions



Technical Specifications

Battery Model	VT12-9			
Designed Floating Life(25°C)	10 Years			
Capacity(25°C)	20HR(0.45A,1.75V)	10HR(0.81A,1.75V)	5HR(1.53A,1.75V)	1HR(5.88A,1.60V)
	9AH	8.10AH	7.65AH	5.88AH
Dimensions	Length	Width	Height	Total Height
	151mm(5.94inch)	65mm(2.56inch)	95mm(3.74inch)	101mm(3.98inch)
Approx. Weight	2.3Kg			
Internal Resistance	Full charged at 25°C: 19 mΩ			
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	
	14.4-15V(-30mV/ °C), max. Current: 1.8A		13.6-13.8V(-20mV/ °C)	
Operating Temp Range	Discharge		Charge	Storage
	-15~45°C(5~113°F)		0~40°C(32~104°F)	-15~40°C(5~104°F)

General purpose application series



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	35.2	21.9	16.5	10.1	5.88	2.81	1.63	0.84	0.48
1.65V	33.0	20.8	15.9	9.63	5.81	2.70	1.60	0.84	0.45
1.70V	30.2	20.0	15.5	8.75	5.63	2.52	1.56	0.83	0.43
1.75V	29.6	19.4	15.0	8.31	5.37	2.44	1.53	0.81	0.42
1.80V	26.5	18.5	13.6	7.70	5.02	2.34	1.44	0.79	0.41
1.85V	23.4	17.6	12.3	7.09	4.68	2.26	1.35	0.78	0.40

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	61.7	39.5	30.1	18.1	10.6	4.98	2.76	1.69	1.01
1.65V	59.5	38.5	29.8	17.8	10.6	4.82	2.74	1.68	0.97
1.70V	57.0	38.1	29.5	16.6	10.4	4.61	2.71	1.67	0.96
1.75V	56.4	38.0	29.3	16.1	10.2	4.50	2.68	1.65	0.94
1.80V	51.6	37.4	27.1	15.4	9.6	4.37	2.60	1.63	0.91
1.85V	46.8	35.5	24.6	14.4	9.0	4.24	2.52	1.61	0.88

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