

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

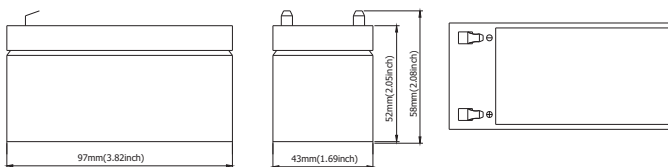


ISO 14001

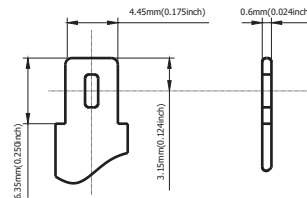


CE

Battery Dimensions

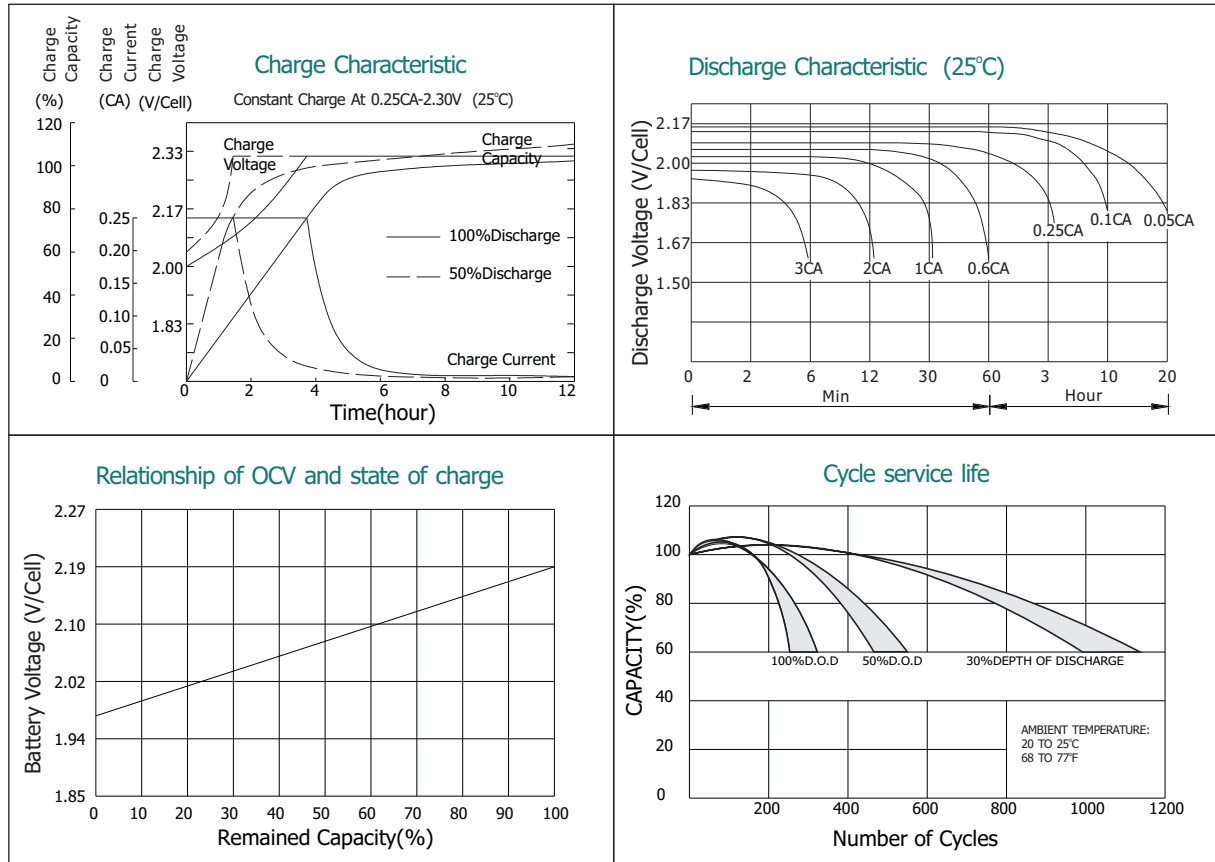


Terminal Dimensions



Technical Specifications

Battery Model	VT12-1.3			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.065A,1.80V)	10HR(0.12A,1.80V)	5HR(0.22A,1.75V)	1HR(0.85A,1.60V)
	1.3AH	1.2AH	1.1AH	0.85AH
Dimensions	Length	Width	Height	Total Height
	97mm(3.82inch)	43mm(1.69inch)	52mm(2.05inch)	58mm(2.08inch)
Approx. Weight	0.55Kg			
Internal Resistance	Full charged at 25°C: 0.08 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	
	14.4-15V(-30mV/ °C), max. Current: 0.39A		13.6-13.8V(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V/T i n e	5M IN	10M IN	15M IN	30M IN	1HR	3HR	5HR	10HR	20HR
1.60V	5.08	3.16	2.38	1.45	0.85	0.41	0.235	0.122	0.073
1.67V	4.77	3.00	2.29	1.39	0.84	0.39	0.231	0.121	0.070
1.70V	4.37	2.89	2.24	1.26	0.81	0.36	0.226	0.120	0.069
1.75V	4.28	2.80	2.17	1.20	0.78	0.35	0.221	0.119	0.067
1.80V	3.83	2.67	1.97	1.11	0.73	0.34	0.207	0.117	0.066
1.85V	3.38	2.55	1.77	1.02	0.68	0.33	0.194	0.116	0.064

Constant power discharge ratings-watts at 25°C

F.V/T i n e	5M IN	10M IN	15M IN	30M IN	1HR	3HR	5HR	10HR	20HR
1.60V	8.91	5.71	4.35	2.62	1.53	0.72	0.398	0.244	0.146
1.67V	8.60	5.56	4.30	2.56	1.52	0.70	0.396	0.243	0.140
1.70V	8.15	5.51	4.26	2.40	1.50	0.67	0.391	0.241	0.139
1.75V	8.09	5.49	4.23	2.33	1.47	0.65	0.388	0.238	0.135
1.80V	7.45	5.41	3.92	2.22	1.39	0.63	0.376	0.235	0.132
1.85V	6.76	5.13	3.55	2.08	1.30	0.61	0.364	0.232	0.127

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

WUHAN VUTION LITHIUM POWER TECHNOLOGY CO.,LTD

Tel: +86-712-8371 688

Mail: sales13@vutionlithium.com

ADD:24th Floor,Optics Valley Dingchuang International,Optics
Valley Rare Eco Industrial Park,Wuhan,Hubei Province,China

Fax: +86-712-879 0888

Web: www.vutionlithium.com