

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

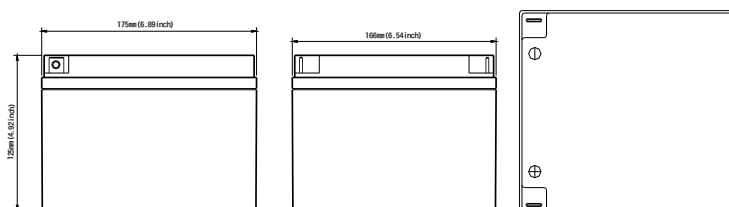


ISO 14001

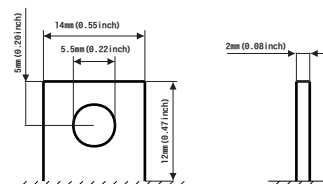


CE

Battery Dimensions

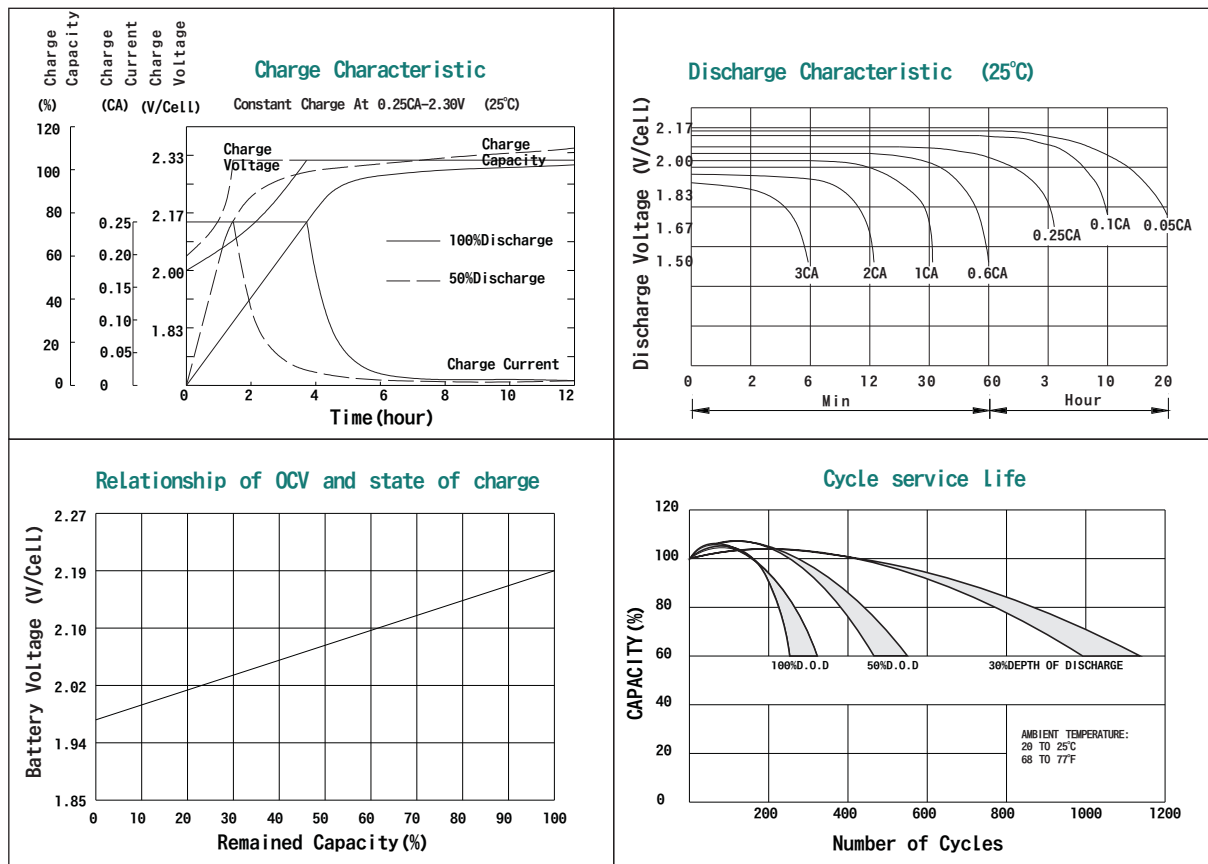


Terminal Dimensions



Technical Specifications

Battery Model	VT12-24			
Designed Cycle Life	> 350 cycles @ -0.5CA to 9.6V			
Capacity (20°C)	20HR (1.27A, 1.80V)	10HR (2.40A, 1.80V)	5HR (4.14A, 1.75V)	1HR (15.2A, 1.60V)
	25.4Ah	24.0Ah	20.7Ah	15.2Ah
Dimensions	Length	Width	Height	Total Height
	175mm (6.89inch)	166mm (6.54inch)	125mm (4.92inch)	125mm (4.92inch)
Approx. Weight	7.15Kg			
Internal Resistance	Full charged at 20°C: 0.012 Ohm			
Self Discharge	3% of capacity declined per month at (20°C)			
Capacity Affected by Temp. (10HR)	40°C	20°C	0°C	-15°C
	109%	100%	85%	65%
Charge Voltage (20°C)	Cycle use		Float use	
	14.4-14.8V (-30mV/ °C) , max. Current: 6A		13.6-13.8V (-18mV/ °C)	



Constant current discharge ratings-amperes at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	84.0	57.6	42.0	25.2	15.3	6.55	4.21	2.55	1.33
1.67V	75.6	52.6	40.8	24.5	15.2	6.53	4.18	2.51	1.32
1.70V	71.8	50.6	39.4	24.0	15.1	6.50	4.16	2.49	1.31
1.75V	63.8	46.8	37.2	23.5	15.0	6.48	4.14	2.44	1.30
1.80V	57.6	43.4	35.5	22.8	14.8	6.46	4.11	2.40	1.27
1.85V	43.7	35.8	30.7	21.0	14.6	6.43	4.08	2.36	1.19

Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	138	95.5	74.4	47.5	30.0	13.0	8.06	5.09	2.66
1.67V	131	94.3	73.7	46.6	29.0	12.8	8.02	5.01	2.62
1.70V	123	91.9	72.5	45.4	28.2	12.6	8.00	4.97	2.60
1.75V	114	85.9	68.2	44.2	27.9	12.4	7.97	4.89	2.58
1.80V	102	79.9	64.1	43.0	27.5	12.2	7.84	4.80	2.54
1.85V	82.1	66.2	55.9	39.4	27.2	12.0	7.73	4.72	2.39

Quality Management System Authentication	CE authentication	CE	UL	Pb	Pb	Recycling	Prohibited	Prohibited	Prohibited	Prohibited	Prohibited
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

Fax: +86-712-879 0888

Web: www.vutionlithium.com

Valley Rare Eco Industrial Park,Wuhan,Hubei Province,China