

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



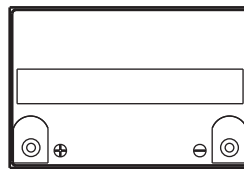
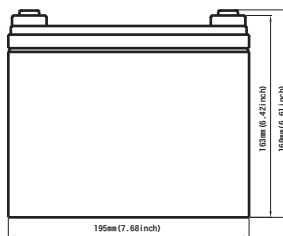
Application

Cable Television
 Communication
 Equipment
 Security System

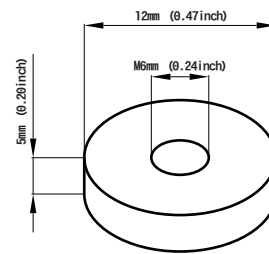
UPS
 Control Equipment
 Medical Equipment
 Emergency Power



Battery Dimensions

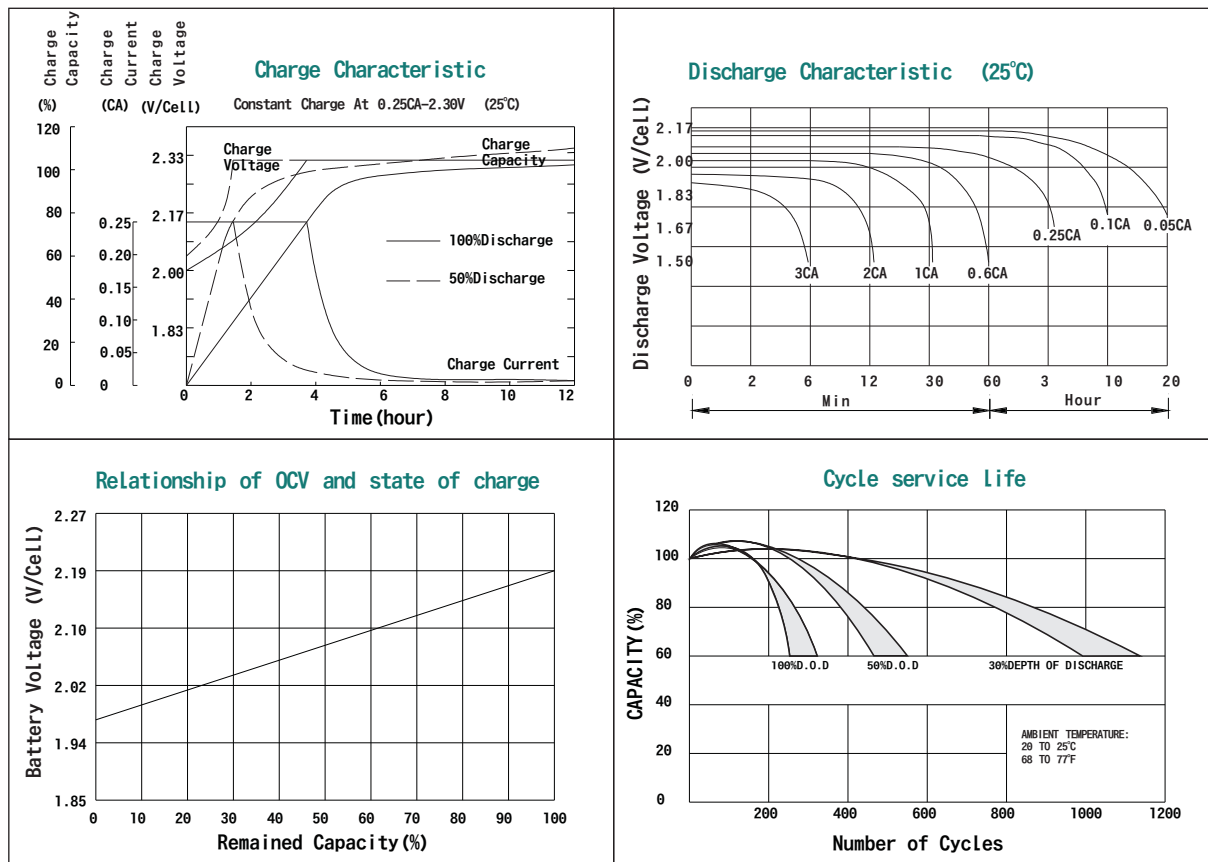


Terminal Dimensions



Technical Specifications

Battery Model	VT12-33			
Designed Floating Life	5 Years			
Capacity (25°C)	20HR (1.75A, 1.80V)	10HR (3.30A, 1.80V)	5HR (5.64A, 1.75V)	1HR (20.9A, 1.60V)
	35.0AH	33.0AH	28.2AH	20.9AH
Dimensions	Length	Width	Height	Total Height
	195mm (7.68 inch)	130mm (5.12 inch)	163mm (6.42 inch)	168mm (6.61 inch)
Approx. Weight	9.3Kg			
Internal Resistance	Full charged at 25°C: 0.009 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: 9.9A		13.6-13.8V (-20mV/ °C)	



Constant current discharge ratings-ampères at 25°C

F.V/T in e	5M IN	10M IN	15M IN	30M IN	1HR	3HR	5HR	10HR	20HR
1.60V	116	79.2	57.8	34.7	21.8	9.01	5.98	3.50	1.85
1.67V	104	72.3	56.1	33.7	21.3	8.98	5.87	3.45	1.83
1.70V	98.7	69.6	54.1	33.0	21.0	8.89	5.82	3.42	1.82
1.75V	87.8	64.4	51.2	32.3	20.3	8.71	5.69	3.36	1.81
1.80V	79.2	59.7	48.8	31.4	19.4	8.53	5.50	3.30	1.75
1.85V	60.1	49.2	42.2	28.8	18.4	8.27	5.23	3.24	1.64

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	190	131	102	65.3	42.9	17.3	11.9	7.00	3.65
1.67V	181	130	101	64.0	41.5	17.3	11.7	6.89	3.64
1.70V	169	126	99.7	62.4	40.4	17.3	11.4	6.84	3.63
1.75V	157	118	93.7	60.7	39.5	17.0	11.1	6.72	3.62
1.80V	141	110	88.1	59.1	38.3	16.8	10.9	6.61	3.49
1.85V	113	91.1	76.9	54.1	36.8	16.5	10.5	6.49	3.29

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										

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