

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

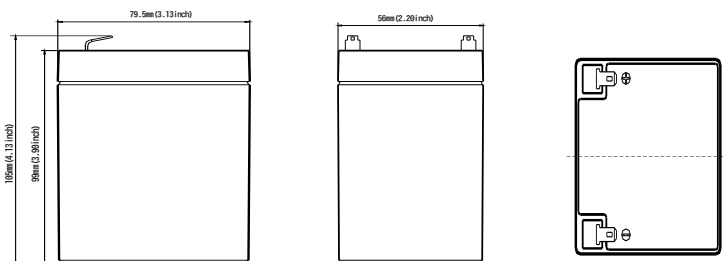


ISO 14001

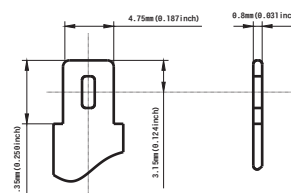


CE

Battery Dimensions

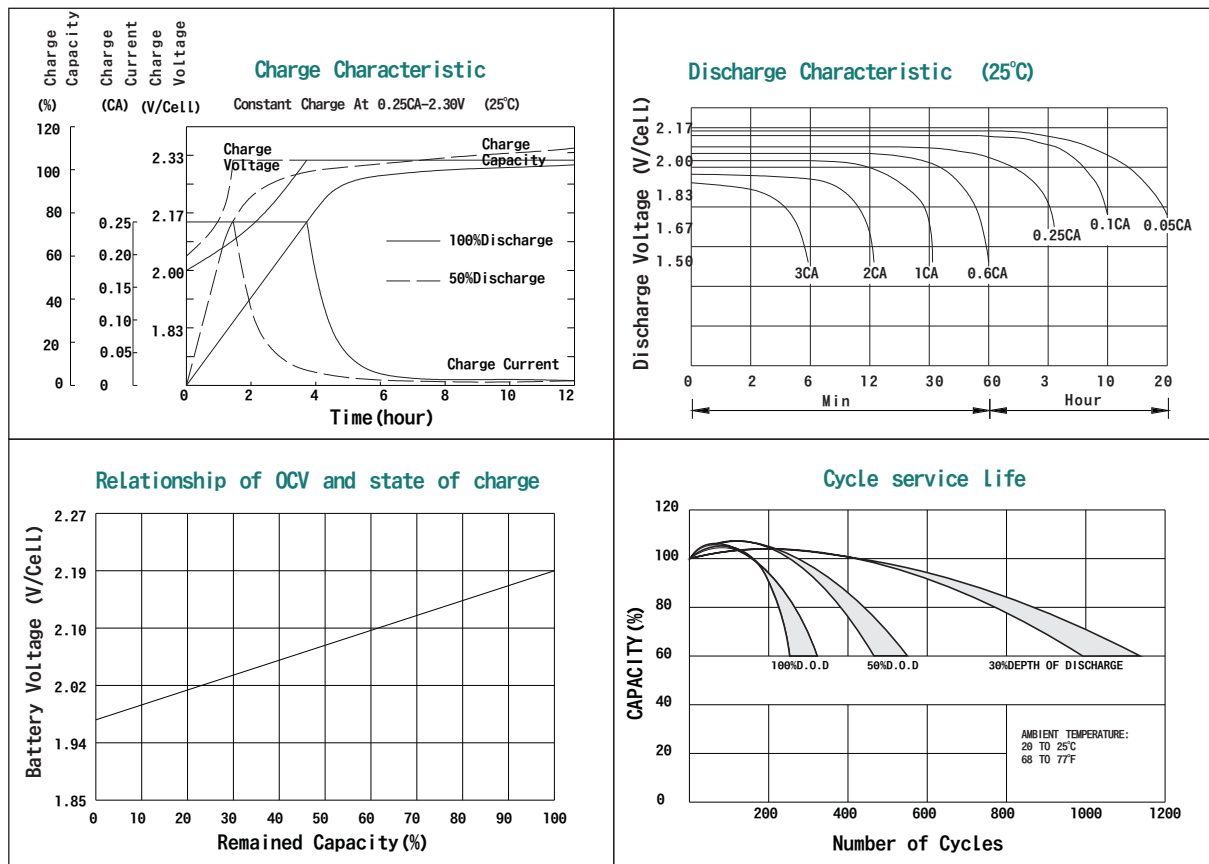


Terminal Dimensions



Technical Specifications

Battery Model	JP12-2.9			
Designed Floating Life	5 Years			
Capacity (25°C)	20HR (0.145A, 1.80V)	10HR (0.26A, 1.80V)	5HR (0.48A, 1.75V)	1HR (1.83A, 1.60V)
	2.9AH	2.6AH	2.4AH	1.83AH
Dimensions	Length	Width	Height	Total Height
	79.5mm (3.13 inch)	56mm (2.20 inch)	99mm (3.90 inch)	105mm (4.13 inch)
Approx. Weight	0.79Kg			
Internal Resistance	Full charged at 25°C: 0.035 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
	100%	100%	85%	65%
Charge Voltage (25°C)	Cycle use		Float use	
	14.4-14.8V (-30mV/ °C), max. Current: 0.84A		13.6-13.8V (-20mV/ °C)	



Constant current discharge ratings-ampères at 25°C

F.V/T in e	5 M IN	10 M IN	15 M IN	30 M IN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60 V	10.9	6.81	5.13	3.13	1.83	0.87	0.51	0.272	0.157
1.67 V	10.3	6.46	4.94	2.99	1.81	0.84	0.50	0.270	0.152
1.70 V	9.41	6.22	4.82	2.72	1.75	0.78	0.49	0.268	0.149
1.75 V	9.22	6.03	4.67	2.59	1.67	0.76	0.48	0.265	0.147
1.80 V	8.25	5.76	4.24	2.40	1.56	0.73	0.45	0.260	0.145
1.85 V	7.28	5.48	3.81	2.21	1.46	0.70	0.42	0.248	0.137

Constant power discharge ratings-watts at 25°C

F.V/T in e	5 M IN	10 M IN	15 M IN	30 M IN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60 V	19.2	12.3	9.37	5.64	3.30	1.55	0.86	0.544	0.314
1.67 V	18.5	12.0	9.26	5.52	3.28	1.50	0.85	0.540	0.302
1.70 V	18.0	11.9	9.18	5.17	3.22	1.43	0.84	0.537	0.299
1.75 V	17.5	11.8	9.10	5.02	3.17	1.40	0.83	0.530	0.291
1.80 V	16.1	11.6	8.44	4.78	2.98	1.36	0.81	0.523	0.284
1.85 V	14.6	11.1	7.65	4.48	2.81	1.32	0.78	0.516	0.273

Quality Management System Authentication	CE authentication	CE	UL	Pb	Pb	RoHS	REACH	ISO 9001	ISO 14001
GB/T19001-2008 NO.00113Q29865ROM/4200	CE12-GPE 120171								

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