

DEEP CYCLE SLA BATTERY

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



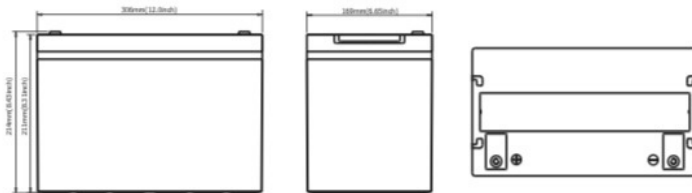
Application

Cable Television
 Communication Equipment
 Security System

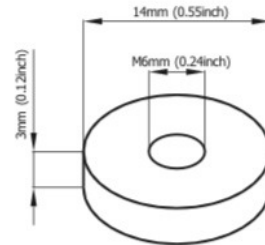
UPS
 Control Equipment
 Medical Equipment
 Emergency Power



Battery Dimensions



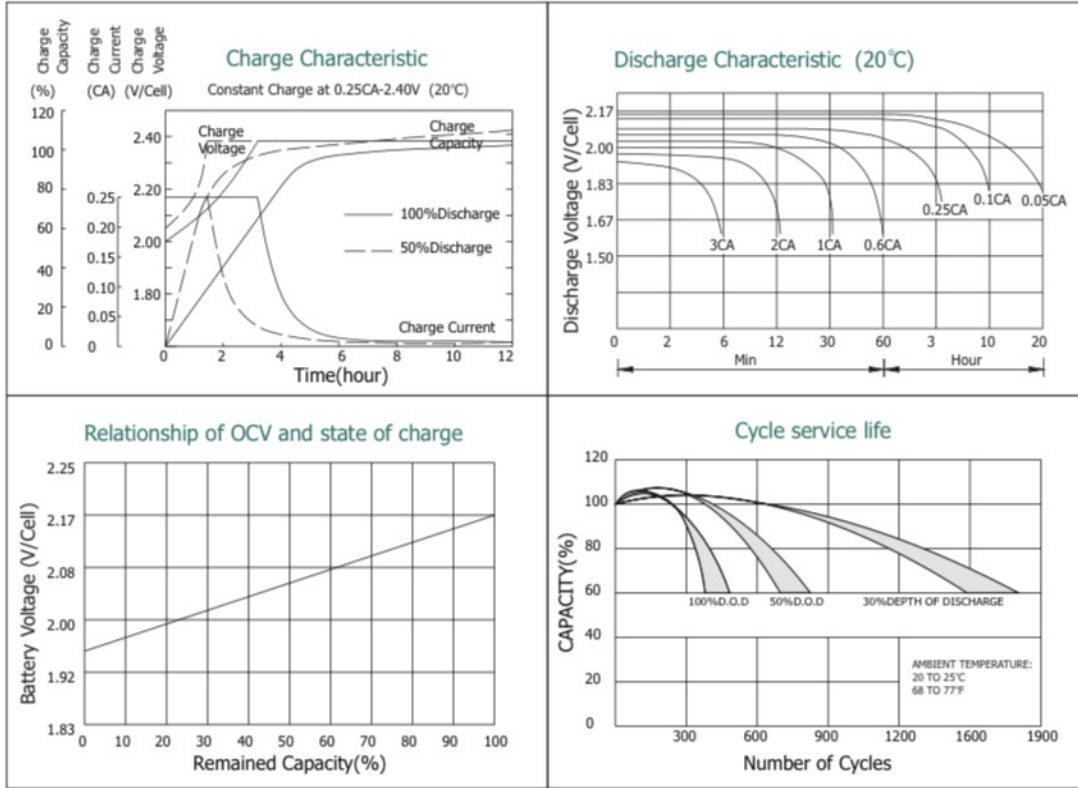
Terminal Dimensions



Technical Specifications

Battery Model	JPD12-100			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(5.55A,1.80V)	10HR(10.5A,1.80V)	5HR(17.8A,1.75V)	1HR(66.1A,1.60V)
	105Ah	100Ah	85Ah	63Ah
Dimensions	Length	Width	Height	Total Height
	306mm(12.0inch)	169mm(6.65inch)	211mm(8.31inch)	214mm(8.43inch)
Approx. Weight	31.0Kg (68.2 lbs)			
Internal Resistance	Full charged at 20°C: 0.0045 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: 25A		13.6-13.8V(-18mV/°C)	

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Constant current discharge ratings-amperes at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	367	252	184	110	66.1	28.9	18.4	11.1	5.81
1.67V	331	230	178	107	65.7	28.6	18.2	11.0	5.78
1.70V	314	221	172	105	65.5	28.5	18.0	10.9	5.77
1.75V	279	205	163	103	64.9	28.3	17.8	10.7	5.76
1.80V	252	190	155	100	64.0	28.2	17.7	10.5	5.55
1.85V	191	156	134	92.0	63.3	28.1	17.6	10.3	5.23

Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	606	418	325	208	130	55.4	35.2	22.3	11.6
1.67V	574	413	322	204	125	55.0	35.0	21.9	11.5
1.70V	536	402	317	198	122	54.6	34.9	21.7	11.4
1.75V	500	375	298	193	121	54.2	34.5	21.4	11.3
1.80V	448	350	280	188	118	53.4	33.9	21.0	11.1
1.85V	359	290	244	172	117	53.2	33.5	20.7	10.5