

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



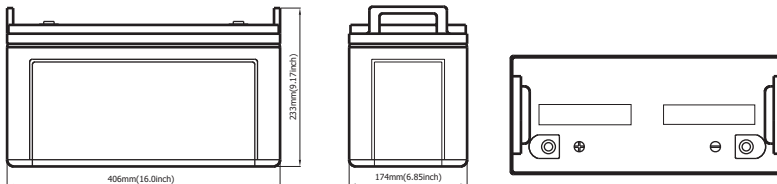
Application

Cable Television
 Communication
 Equipment
 Security System

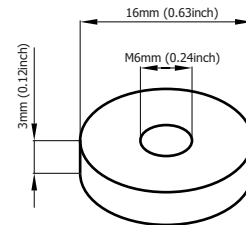
UPS
 Control Equipment
 Medical Equipment
 Emergency Power



Battery Dimensions

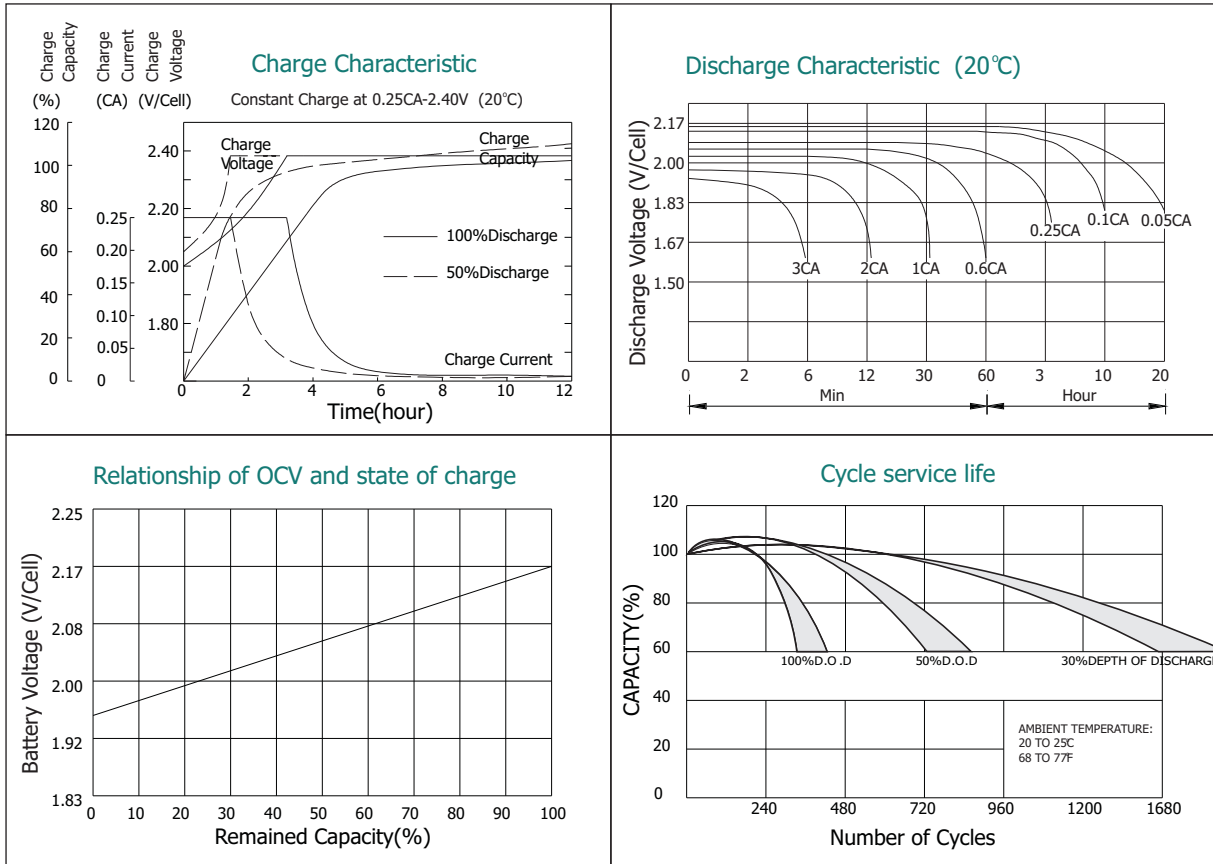


Terminal Dimensions



Technical Specifications

Battery Model	12LTS120			
Designed Floating Life	12 Years			
Capacity(20°C)	20HR(6.35A,1.80V)	10HR(12A,1.80V)	5HR(20.5A,1.75V)	1HR(75.2A,1.60V)
	127Ah	120Ah	103Ah	75.2Ah
Dimensions	Length	Width	Height	Total Height
	406mm(16.0inch)	174mm(6.85inch)	208mm(8.19inch)	233mm(9.17inch)
Approx. Weight	34Kg			
Internal Resistance	Full charged at 20°C: 0.004 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: 30A		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	420	288	210	126	75.2	32.8	21.0	12.7	6.64
1.67V	378	263	204	122	75.1	32.6	20.8	12.5	6.60
1.70V	359	253	197	120	74.9	32.5	20.7	12.4	6.55
1.75V	319	234	186	118	74.1	32.4	20.5	12.2	6.45
1.80V	288	217	178	114	73.2	32.3	20.3	12.0	6.35
1.85V	218	179	154	105	72.4	32.2	20.2	11.8	5.97

Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	692	478	372	238	148	62.9	40.0	25.5	13.3
1.67V	656	472	368	233	143	62.5	39.8	25.1	13.2
1.70V	613	460	362	227	140	62.3	39.6	24.9	13.1
1.75V	571	430	341	221	138	61.9	39.4	24.4	12.9
1.80V	512	400	320	215	136	61.1	38.8	24.0	12.7
1.85V	410	331	280	197	135	60.8	38.2	23.6	11.9



ISO 9001 : 2008
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● Electrical and Electronic Systems
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