



SL Series

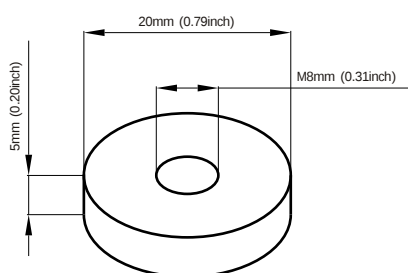
BOSFA POWER SL(Long Service Life)Series batteries utilizes thick grids of modern technology are adopted so as to guarantee the design life up to 12 years. Advanced micro porous absorbed glass matt separator - minimizes diffusion of oxygen into the separator, reducing float charge current which suppressed the corrosion rate of the positive grid and extends the life of the battery.

Application

- Σ Cable Television
- Σ Communication Equipment
- Σ Security System
- Σ UPS
- Σ Control Equipment
- Σ Medical Equipment
- Σ Emergency Power System

General Features

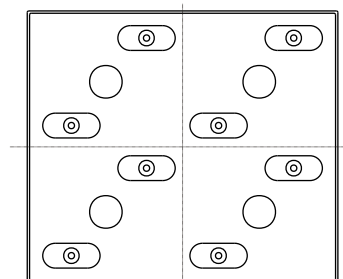
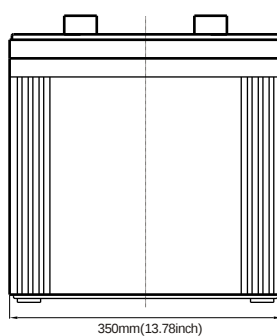
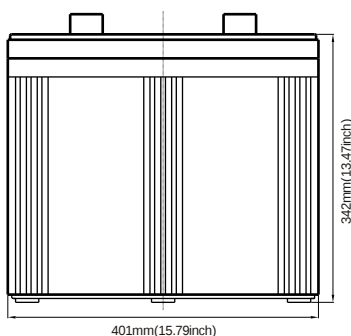
- Σ Extra long life service design (up to 15 years) for 2V models.
- Σ Non-Spillable construction design.
- Σ ABS containers and covers(UL94HB, UL94V-0) optional.
- Σ Safety valve installation for explosion proof.
- Σ Higher safety & reliable construction.
- Σ Exceptional deep discharge recovery performance.
- Σ Low self discharge characteristic.
- Σ Flexibility design for multiple install positions.



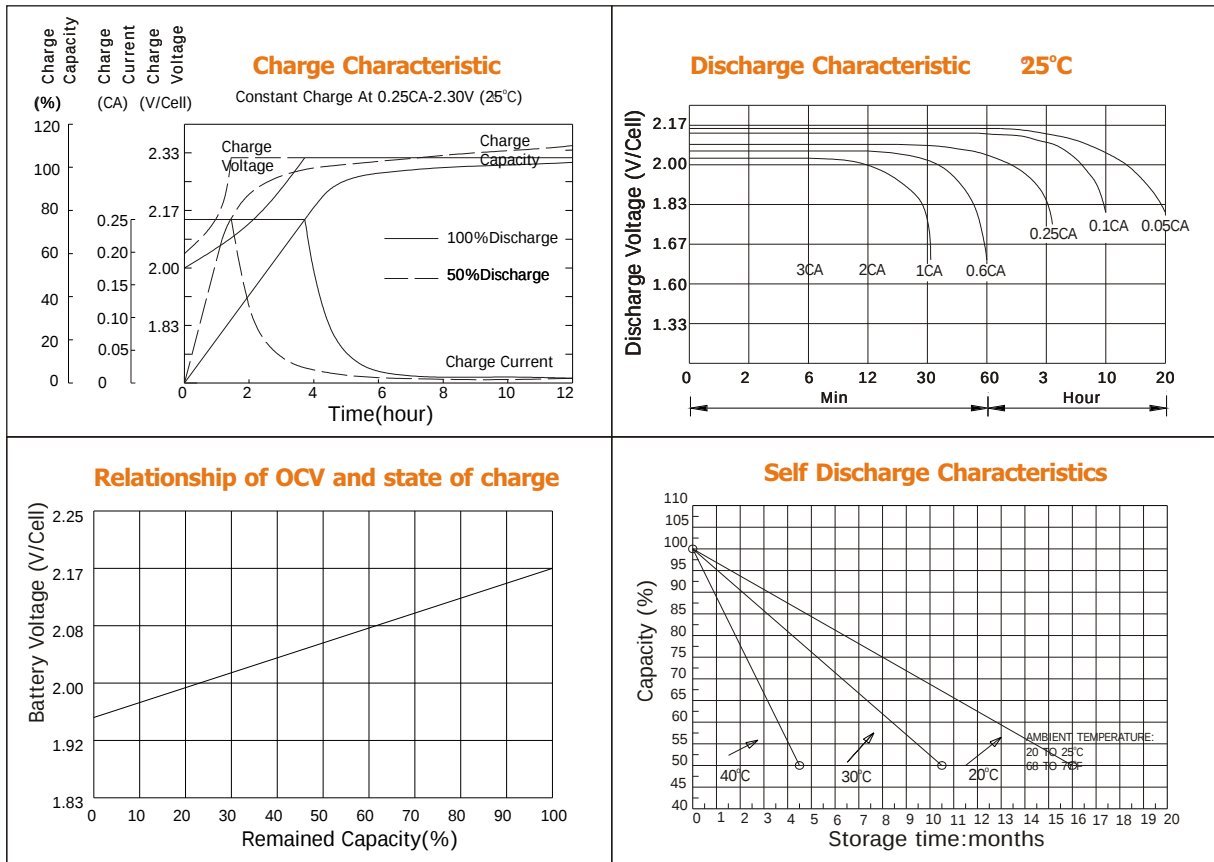
Terminal Dimensions

Construction

- Σ ComponentRaw material
- Σ PositiveLead dioxide
- Σ NegativeLead
- Σ ContainerABS
- Σ CoverABS
- Σ SealantEpoxy Resin
- Σ Safety valveEPDR
- Σ TerminalCopper
- Σ SeparatorFiber glass
- Σ ElectrolyteSulfuric acid



Battery Model	SL 2-1500			
Designed Floating Life	15 Years			
Capacity(25°C)	20HR(77A,1.75V)	10HR(150A,1.75V)	5HR(270A,1.75V)	1HR(960A,1.75V)
	1540AH	1500AH	1350AH	960AH
Dimensions	Length	Width	Height	Total Height
	401mm(15.79inch)	350mm(13.78inch)	342mm(13.47inch)	378mm(14.88inch)
Approx. Weight	100Kg (221 lbs)			
Internal Resistance	Full charged at 25°C: 0.00053 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
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	2.3V-2.35V(-5mV/ °C), max. Current: 375A		2.25-2.27V(-3.3mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	4050	3150	2550	1635	1035	472	308	159.0	80.6
1.67V	3600	2910	2395	1590	1020	457	292	159.0	80.6
1.70V	3300	2700	2250	1515	975	435	278	156.0	80.3
1.75V	3030	2500	2128	1471	959	411	275	156.0	80.3
1.80V	2680	2273	1948	1415	909	405	268	150.0	80.0
1.85V	1980	1768	1597	1155	742	375	246	148.0	79.8

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	5720	4304	2876	2251	1470	720	528	290.0	145.0
1.67V	5392	4055	2721	2139	1408	684	519	286.0	143.0
1.70V	5054	3803	2563	2023	1343	659	507	279.0	140.0
1.75V	4722	3552	2404	1906	1276	632	492	271.0	136.0
1.80V	4390	3302	2244	1786	1206	608	468	257.0	129.0
1.85V	4056	3052	2080	1666	1136	576	444	243.0	122.0



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