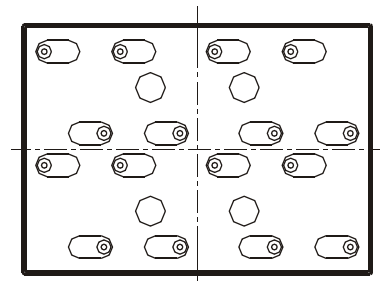
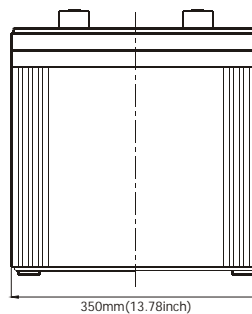
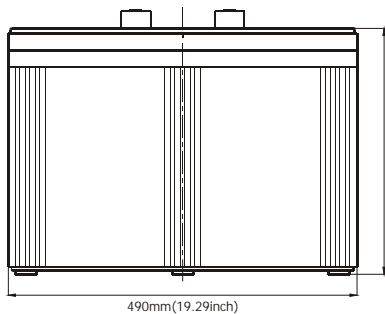


Terminal Dimensions



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

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

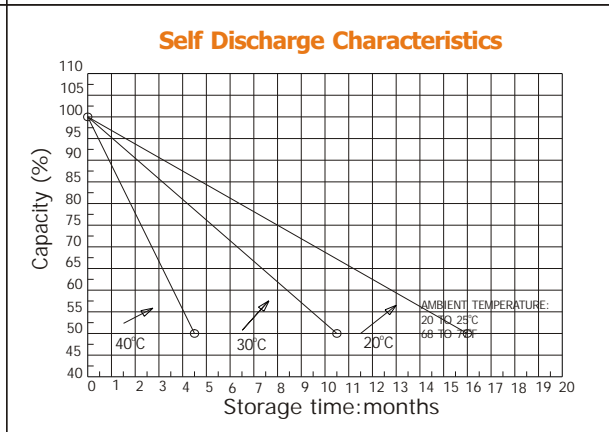
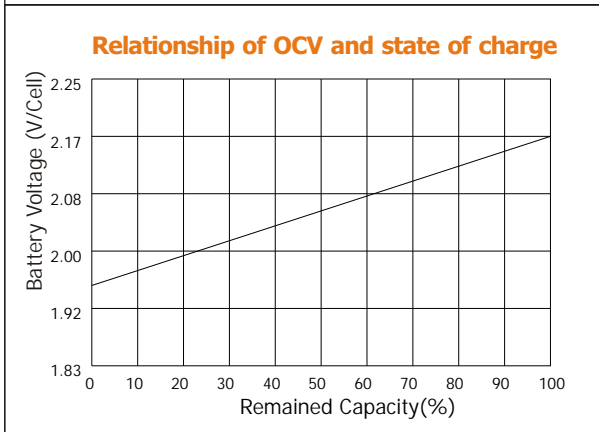
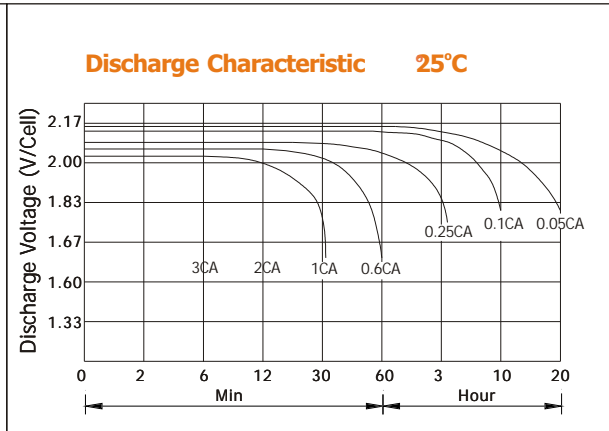
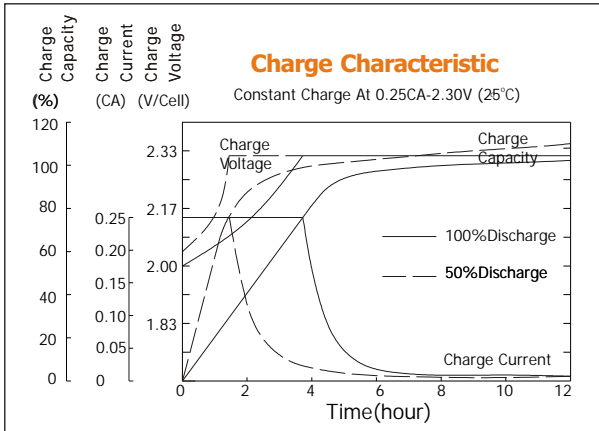
General Features

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

Construction

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

Battery Model	SL 2-2000			
Designed Floating Life	15 Years			
Capacity(25°C)	20HR(102A,1.75V)	10HR(200A,1.75V)	5HR(347A,1.75V)	1HR(1295A,1.75V)
	2040AH	2000AH	1735AH	1295AH
Dimensions	Length	Width	Height	Total Height
	490mm(19.29inch)	350mm(13.78inch)	342mm(13.47inch)	378mm(14.88inch)
Approx. Weight	132Kg (291 lbs)			
Internal Resistance	Full charged at 25°C: 0.0005 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: 500A		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	5400	4200	3400	2179	1380	630	410	212	110
1.67V	4800	3880	3194	2120	1360	610	390	212	110
1.70V	4400	3600	3000	2020	1300	580	370	210	109
1.75V	4040	3333	2838	1961	1266	548	367	208	109
1.80V	3570	3030	2597	1887	1212	541	357	200	106
1.85V	2640	2357	2130	1540	990	510	328	189	103

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	6611	4971	3476	2726	1990	1026	645	355	178
1.67V	6227	4682	3288	2590	1790	1000	633	348	174
1.70V	5841	4392	3098	2450	1681	971	621	342	171
1.75V	5453	4100	2906	2308	1586	930	608	335	168
1.80V	5081	3820	2716	2168	1496	895	577	318	159
1.85V	4708	3540	2526	2028	1406	860	546	301	150



BOSFA INDUSTRIAL BATTERY CO., Ltd.

5/F, Nanyou Building, No.16, Tianhe Road, Yuexiu District, Guangzhou, the PRC 510075

Tel: (+86-20)38320842 Fax: (+86-20)38320841

Website: www.bosfabattery.com E-mail: sales@bosfabattery.com