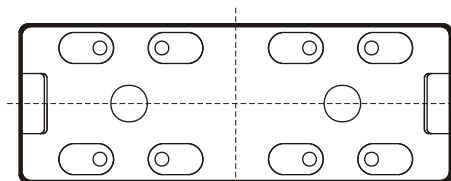
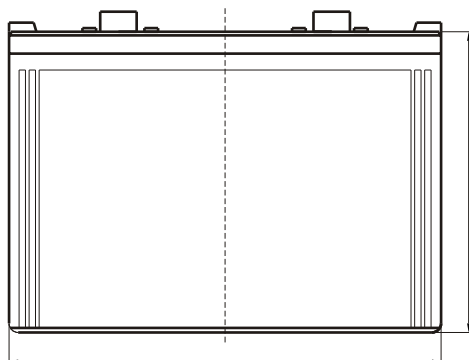


Terminal Dimensions



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

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

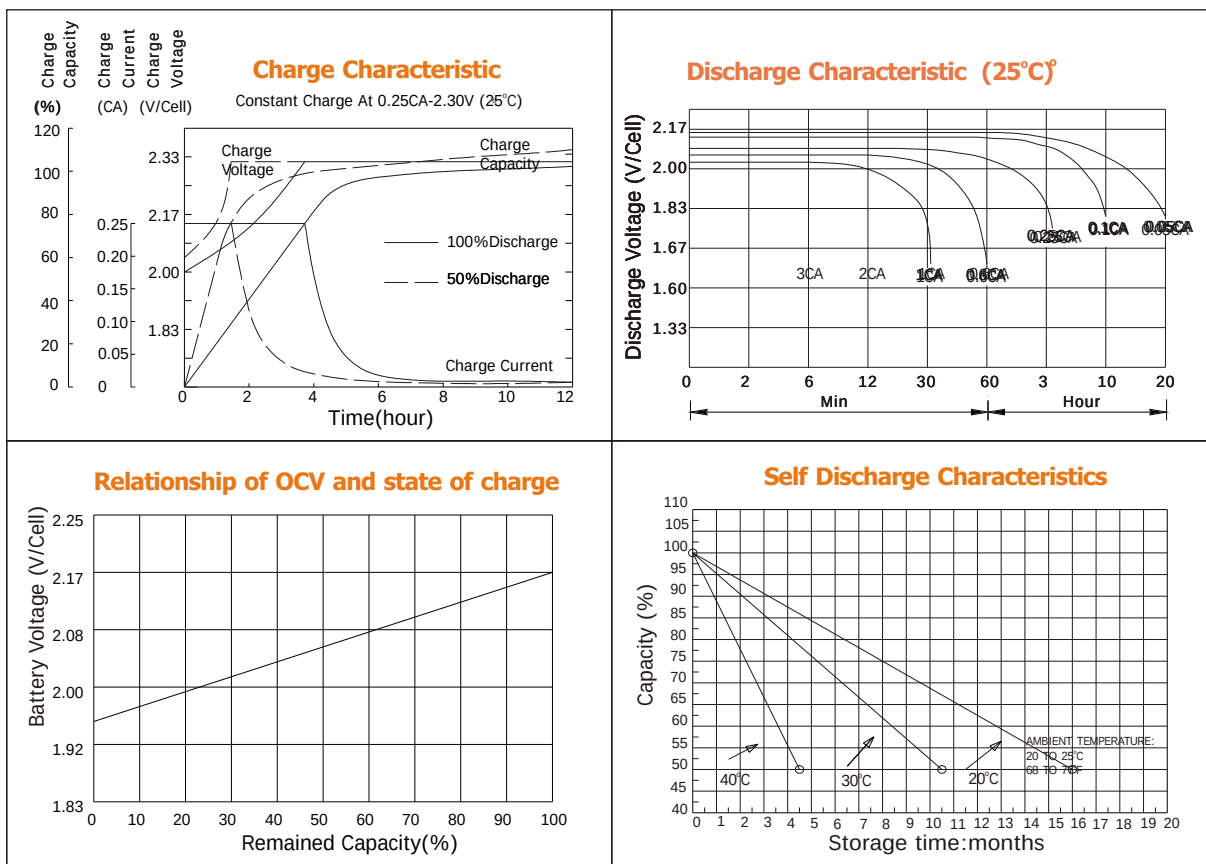
General Features

- 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.

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 2-1000			
Designed Floating Life	15 Years			
Capacity(25°C)	20HR(52A,1.75V)	10HR(100A,1.75V)	5HR(180A,1.75V)	1HR(620A,1.75V)
	1040AH	1000AH	900AH	620AH
Dimensions	Length	Width	Height	Total Height
	475mm(18.70inch)	175mm(6.89inch)	330mm(13.0inch)	365mm(14.37inch)
Approx. Weight	66.5Kg (147 lbs)			
Internal Resistance	Full charged at 25°C: 0.00055 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: 250A		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	2700	2100	1700	1090	690	315	205	106.0	55.1
1.67V	2400	1940	1597	1060	680	305	195	106.0	55.1
1.70V	2200	1800	1500	1010	650	290	185	105.0	55.1
1.75V	2020	1677	1418	993	633	274	183	104.0	55.0
1.80V	1786	1515	1299	980	606	270	179	100.0	54.8
1.85V	1320	1178	1064	770	495	255	164	95.0	54.6

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	3937	2965	2421	1804	1114	365	375	206.0	103.0
1.67V	3711	2793	2290	1713	1067	359	368	203.0	102.0
1.70V	3485	2620	2158	1621	1018	353	361	199.0	100.0
1.75V	3258	2447	2020	1527	967	346	355	195.0	97.5
1.80V	3027	2276	1890	1427	917	336	335	184.0	92.0
1.85V	2800	2106	1760	1326	867	326	315	173.0	86.5



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