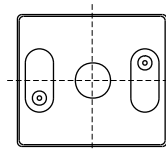
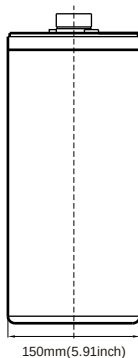
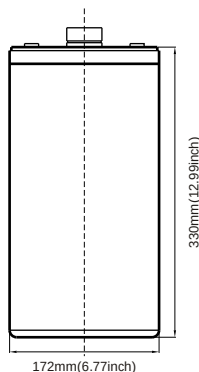


Terminal Dimensions



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

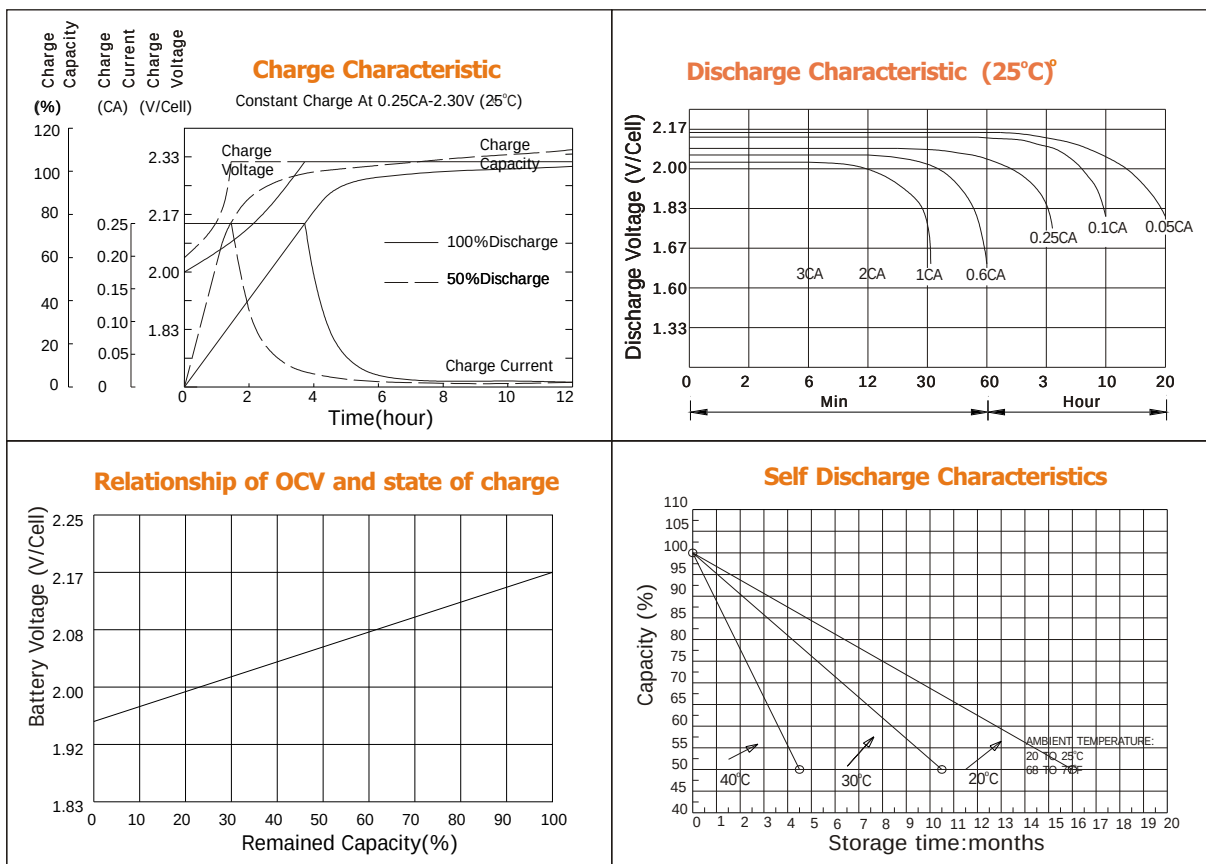
General Features

- 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 2-300			
Designed Floating Life	15 Years			
Capacity(25°C)	20HR(15.5A,1.75V)	10HR(30A,1.75V)	5HR(54.2A,1.75V)	1HR(202A,1.75V)
	310AH	300AH	271AH	202AH
Dimensions	Length	Width	Height	Total Height
	172mm(6.77inch)	150mm(5.91inch)	330mm(13.0inch)	365mm(14.37inch)
Approx. Weight	20Kg (44.1 lbs)			
Internal Resistance	Full charged at 25°C: 0.00075 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: 75A		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	810	630	510	327	207	94.5	61.5	31.8	16.2
1.67V	720	582	479	318	204	91.5	58.5	31.8	16.2
1.70V	660	540	450	303	195	87.0	55.5	31.5	16.1
1.75V	606	500	427	294	190	82.2	55.0	31.2	16.0
1.80V	536	455	390	283	182	81.1	53.6	30.0	15.9
1.85V	396	353	320	231	148	75.0	49.2	28.3	15.8

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	1180	887	788	601.0	370.0	171.0	115.0	36.2	31.60
1.67V	1110	835	745	571.0	355.0	167.0	113.0	62.2	31.10
1.70V	1037	783	702	540.0	340.0	162.0	111.0	61.1	30.60
1.75V	970	732	659	509.0	325.0	158.0	108.0	59.4	29.70
1.80V	904	680	615	477.0	310.0	148.0	103.0	56.7	28.40
1.85V	835	628	571	445.0	295.0	138.0	98.0	54.0	27.10



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