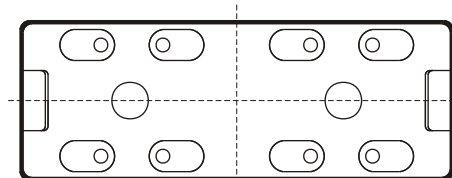
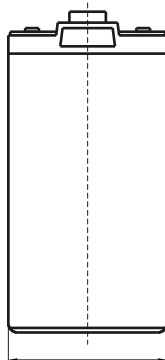
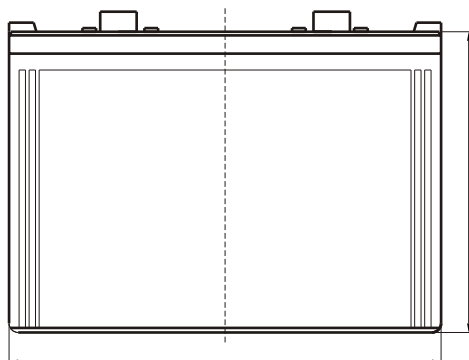


Terminal Dimensions



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

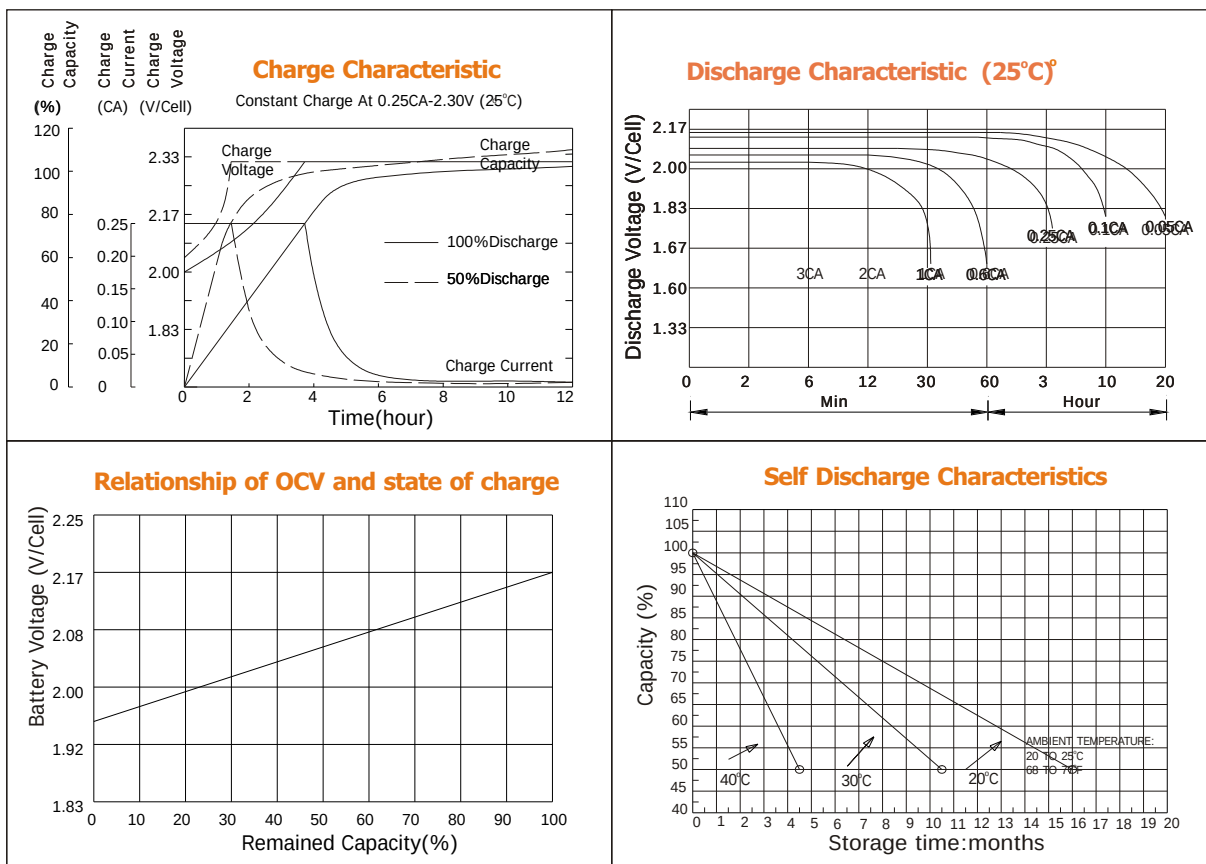
General Features

- 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 2-1200			
Designed Floating Life	15 Years			
Capacity(25°C)	20HR(62A,1.75V)	10HR(120A,1.75V)	5HR(216A,1.75V)	1HR(744A,1.75V)
	1240AH	1200AH	1080AH	744AH
Dimensions	Length	Width	Height	Total Height
	475mm(18.70inch)	175mm(6.89inch)	330mm(13.0inch)	365mm(14.37inch)
Approx. Weight	79Kg (174.6 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: 300A		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	3240	2520	2040	1308	828	378	246	127	66.1
1.67V	2880	2328	1916	1272	816	366	234	127	66.1
1.70V	2640	2160	1800	1212	780	348	222	126	66.1
1.75V	2424	2012	1702	1192	760	329	220	125	66.0
1.80V	2143	1818	1559	1176	727	324	215	120	65.8
1.85V	1584	1414	1277	924	594	306	197	114	65.5

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	4724	3558	2905	2165	1337	438	450	247	124
1.67V	4453	3352	2748	2056	1280	431	442	244	122
1.70V	4182	3144	2590	1945	1222	424	433	239	120
1.75V	3910	2936	2424	1832	1160	415	426	234	117
1.80V	3632	2731	2268	1712	1100	403	402	221	110
1.85V	3360	2527	2112	1591	1040	391	378	208	104



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