BSB VRLA Battery

DB 6-200 6V200Ah

Duration Series SLA Battery

Current Automation
POWER SOLUTION PROVIDERS

Range Summary

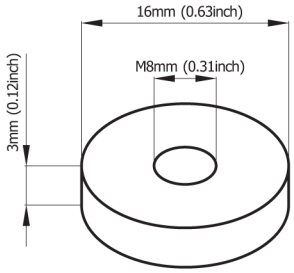
By combining a newly developed corrosion resistance alloy and advanced curing process, BSB created a range of long life batteries - Duration range. The range features top termination and offers 12 years design life. This battery series is highly suited to UPS systems, switchgear, CATV and telecommunication systems applications.

Application

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

General Features

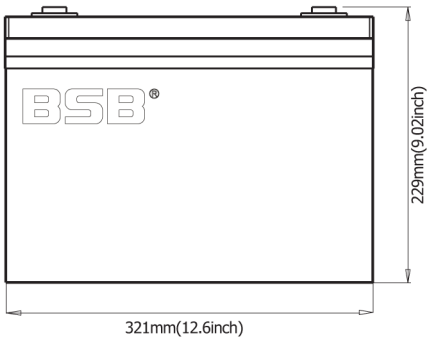
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94 V0, optional).
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexible design for multiple installation positions.

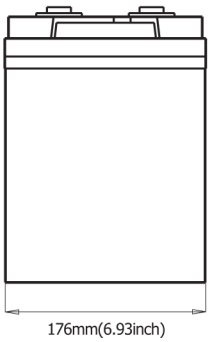


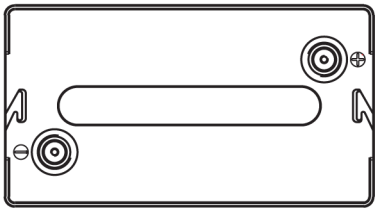
Terminal Dimensions

Construction

- Positive .....Lead dioxide
- Negative .....Lead
- Container.....ABS
- Cover .....ABS
- Sealant .....Epoxy Resin
- Safety valve .....EPDR
- Terminal .....Copper
- Separator .....AGM
- Electrolyte .....Sulfuric acid





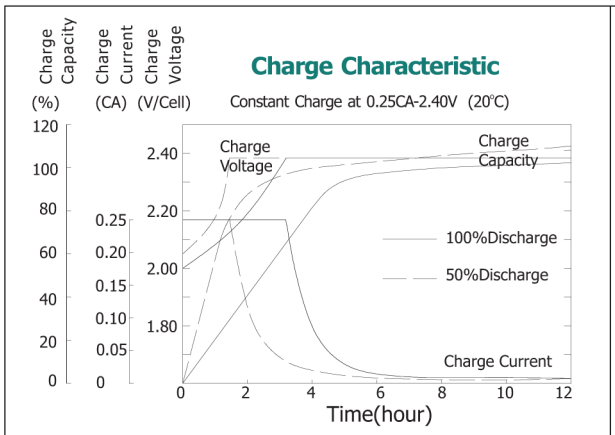


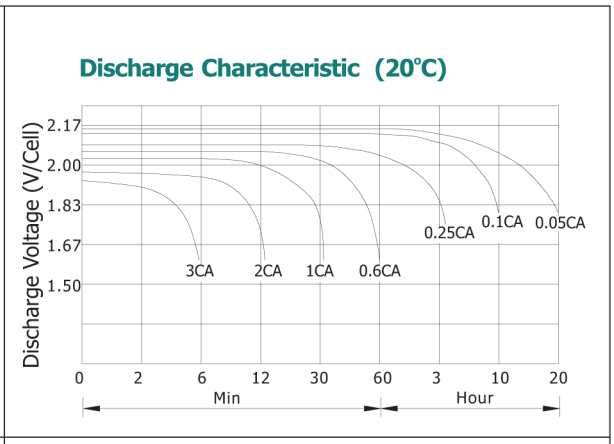
Battery Model	DB6-200			
Designed Floating Life	12 Years			
Capacity(20℃)	20HR(10.6A,1.80V)	10HR(20A,1.80V)	5HR(34.2A,1.75V)	1HR(130A,1.60V)
	212Ah	200Ah	171Ah	130Ah
Dimensions	Length	Width	Height	Total Height
	321mm(12.6inch)	176mm(6.93inch)	226mm(8.90inch)	229mm(9.02inch)
Approx. Weight	29.5Kg (65.0 lbs)			
Internal Resistance	Full charged at 20℃ :0.0031 Ohm			
Self Discharge	3% of capacity declined per month at (20℃)			
Capacity Affected by Temp.(10HR)	40℃	20℃	0℃	-15℃
	109%	100%	85%	65%
Charge Voltage(20℃)	Cycle use		Float use	
	7.2-7.4V(-15mV/ ℃), max. Current: 50A		6.8-6.9(-9mV/ ℃)	

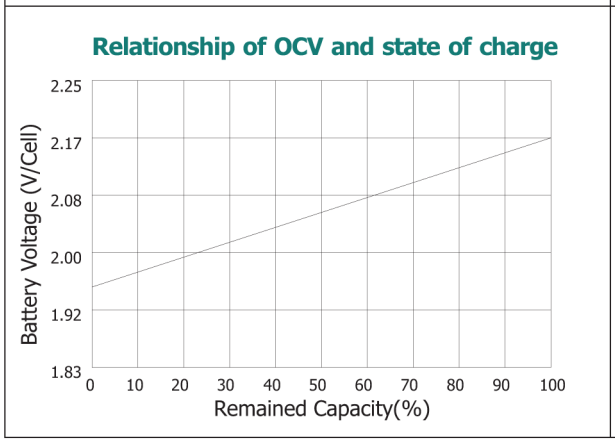
Current Automation
POWER SOLUTION PROVIDERS

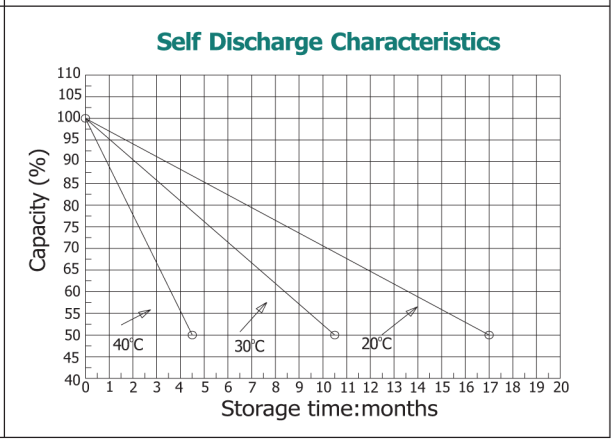
Duration Series SLA Battery

Current Automation
POWER SOLUTION PROVIDERS









Constant current discharge ratings-amperes at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	700	480	350	210	130	54.6	35.8	21.2	11.0
1.67V	630	438	340	204	129	54.4	35.5	20.9	10.9
1.70V	598	422	328	200	128	54.2	35.3	20.7	10.8
1.75V	532	390	310	196	127	54.0	35.0	20.4	10.7
1.80V	480	362	296	190	126	53.8	34.7	20.0	10.6
1.85V	364	298	256	175	124	53.6	34.4	19.7	9.86

Constant power discharge ratings-watts at 20°C

F.V/Time	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	1154	796	620	396	258	109	69.4	42.4	22.0
1.67V	1094	786	614	388	251	107	69.0	41.8	21.9
1.70V	1022	766	604	378	245	105	68.8	41.5	21.8
1.75V	952	716	568	368	243	102	68.2	40.7	21.7
1.80V	854	666	534	358	238	98.0	67.5	40.0	21.0
1.85V	684	552	466	328	236	95.0	66.5	39.3	19.7

Current Automation
POWER SOLUTION PROVIDERS

ISO9001

COPYRIGHT BSB POWER COMPANY LIMITED

(Updated: 1-Nov-2010)