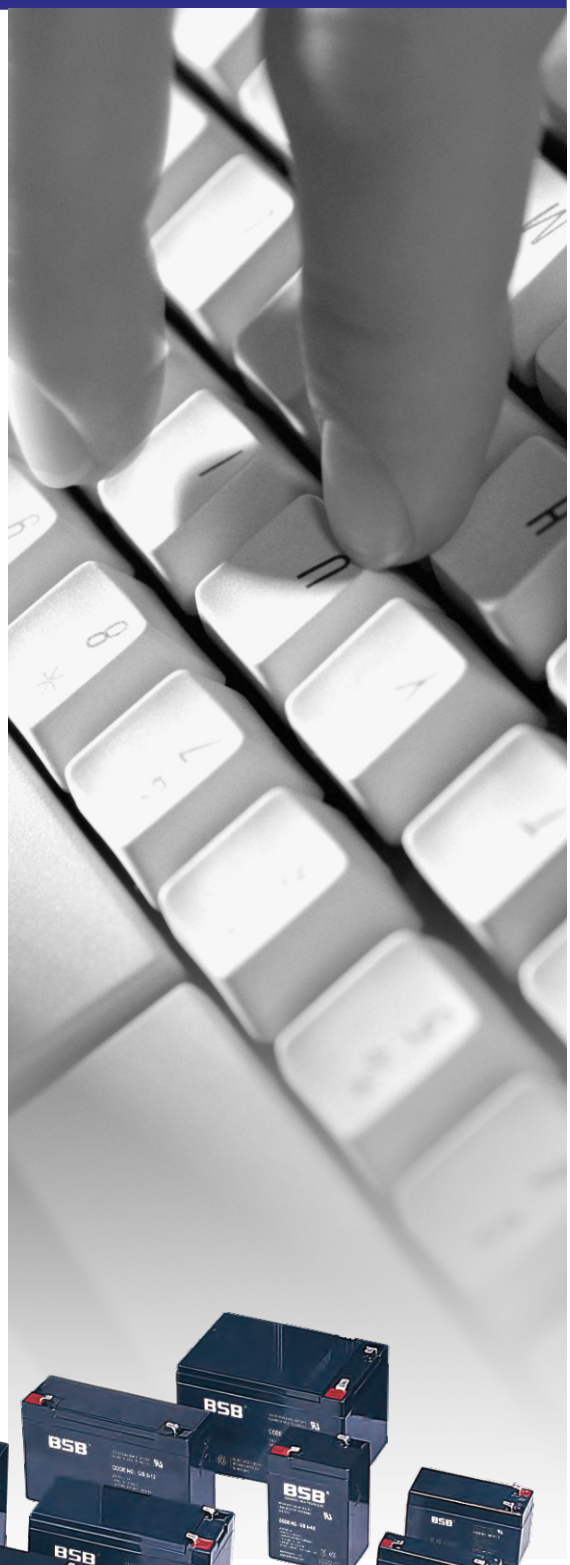
Valve Regulated Lead Acid Battery

AGM GENERAL BATTERY

GB Series



RANGE SUMMARY

The GB series offers a 5 years full maintenance free design life. With a compact design and good reliability, this series is highly suited for security and alarm systems, UPS systems, emergency light systems and other small backup applications.

FEATURES AND BENEFITS

- 5 years design life in floating condition
- Wide operating temperature range from -15℃ to 55℃
- Can be used in vertical or horizontal position
- Balanced design for both floating and cyclic operation
- Low self-discharge rate and long shelf life

CONSTRUCTION

- Positive plate : Standard Pb-Ca-Sn alloy
- Negative plate : Balanced Pb-Ca grid for improved recombination efficiency
- Separator : AGM separator
- Electrolyte : Dilute high purity sulphuric acid
- Battery container and cover : ABS
- Pillar seal : Double layers epoxy resin seal
- Relief valve : Self sealing rubber cap valve with proven reliability

CHARGING VOLTAGE AND SETTINGS

- Constant voltage charging is recommended
- Recommended float charge voltage: 2.27Vpc @ 25°C
- Float voltage temperature compensation: -3mV/°C/cell
- Equalize charge voltage : 2.35 Vpc @25°C
- Max. charge current allowable : 0.25C_{10}A



Capacity Range: 0.8Ah~35Ah

General Specifications

Code No.	Voltage (V)	Capacity (AH)	Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height				
			mm	in	mm	in	mm	in	mm	in	Kg	Lb	
GB6-1.3	6	1.3	97	3.82	24	0.94	52	2.05	58	2.28	0.3	0.66	F3
GB6-4.2	6	4.2	71	2.8	47	1.85	101	3.98	107	4.21	0.72	1.59	F1
GB6-4.5	6	4.5	71	2.8	47	1.85	101	3.98	107	4.21	0.76	1.68	F1
GB6-7.2	6	7.2	151	5.94	34	1.34	94	3.7	100	3.94	1.1	2.43	F1
GB6-7.5	6	7.5	151	5.94	34	1.34	94	3.7	100	3.94	1.15	2.54	F1
GB6-10	6	10	151	5.94	50	1.97	94	3.7	100	3.94	1.7	3.75	F2
GB6-12	6	12	151	5.94	50	1.97	94	3.7	100	3.94	1.85	4.08	F2
GB12-0.8	12	0.8	96	3.78	25	0.98	62	2.44	62	2.44	0.35	0.77	Tab
GB12-1.3	12	1.3	97	3.82	43	1.69	52	2.05	58	2.28	0.56	1.23	F3
GB12-2.2	12	2.2	178	7.01	35	1.38	61	2.4	67	2.64	0.87	1.92	F3
GB12-4.2	12	4.2	90	3.54	70	2.76	101	3.98	107	4.21	1.5	3.31	F1
GB12-4.5	12	4.5	90	3.54	70	2.76	101	3.98	107	4.21	1.6	3.53	F1
GB12-5	12	5	90	3.54	70	2.76	101	3.98	107	4.21	1.68	3.70	F1
GB12-7	12	7	151	5.94	65	2.56	94	3.7	101	3.98	2.1	4.63	F2
GB12-7.2	12	7.2	151	5.94	65	2.56	94	3.7	101	3.98	2.17	4.78	F2
GB12-7.5	12	7.5	151	5.94	65	2.56	95	3.74	101	3.98	2.3	5.07	F2
GB12-9A	12	9	151	5.94	65	2.56	93.5	3.68	99.5	3.92	2.6	5.73	F2
GB12-10	12	10	151	5.94	98	3.86	95	3.74	101	3.98	3.4	7.50	F2
GB12-12	12	12	151	5.94	98	3.86	95	3.74	101	3.98	3.7	8.16	F2
GB12-18	12	18	181	7.13	76	2.99	167	6.57	167	6.57	5.2	11.5	T5
GB12-18A	12	18	181	7.13	76	2.99	167	6.57	167	6.57	5.2	11.5	T23
GB12-20	12	20	181	7.13	76	2.99	167	6.57	167	6.57	5.85	12.9	T5
GB12-26	12	26	175	6.89	166	6.54	125	4.92	125	4.92	8.0	17.6	T6
GB12-26A	12	26	175	6.89	166	6.54	125	4.92	125	4.92	8.0	17.6	T23
GB12-26B	12	26	185	7.28	105	4.13	130	5.12	130	5.12	7.30	16.2	T23
GB12-33	12	33	195	7.68	130	5.12	155	6.1	180	7.09	10.3	22.7	T7
GB12-33A	12	33	195	7.68	130	5.12	163	6.42	168	6.61	10.3	22.7	T18
GB12-33B	12	33	175	6.89	166	6.54	125	4.92	125	4.92	9.60	21.2	T23
GB12-35	12	35	195	7.68	130	5.12	155	6.1	180	7.09	11.0	24.3	T7
GB12-35A	12	35	195	7.68	130	5.12	163	6.42	168	6.61	11.0	24.3	T18

For more information and for the complete list of models, please visit our website: www.bsbpower.com or send an email to enquiry@bsbpower.com

Products specifications described herein are subject to change without prior notification.

Applications

- Security and alarm systems
- Small size UPS
- Emergency light systems
- Toys
- Others

Complied Standards

- IEC 61056
- Eurobat guide
- JISC 8702
- UL1989
- IATA and IMDG



ISO9001 ISO14001

CT-JY-MKT-N-B01