

BSB®

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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°C to 50°C
- 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 @ 20~25°C
- Float voltage temperature compensation: -3mV/°C/cell
- Float voltage range: 2.27 to 2.30 Vpc @ 20~25°C
- Cyclic application charge voltage : 2.40 to 2.50 Vpc @ 20~25°C
- Max. charge current allowable : 0.3C20A



Capacity Range: 0.8Ah~35Ah

General Specifications



Code No.	Voltage (V)	Capacity (AH)	Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		Kg	Lb	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		
GB6-1.3	6	1.3	97	3.82	24	0.94	52	2.05	58	2.28	0.3	0.66	F3
GB6-2.8	6	2.8	66	2.60	33	1.30	97	3.82	104	4.09	0.57	1.26	F3
GB6-3.4	6	3.4	134	5.28	35	1.38	61	2.40	67	2.64	0.65	1.43	F3
GB6-4.2	6	4.2	70	2.76	47	1.85	101	3.98	107	4.21	0.76	1.67	F1
GB6-4.5	6	4.5	70	2.76	47	1.85	101	3.98	107	4.21	0.82	1.80	F1
GB6-7.2	6	7.2	151	5.94	34	1.34	94	3.70	100	3.94	1.10	2.43	F1
GB6-7.5	6	7.5	151	5.94	34	1.34	94	3.70	100	3.94	1.15	2.53	F1
GB6-10	6	10	151	5.94	50	1.97	94	3.70	100	3.94	1.7	3.75	F2
GB6-12	6	12	151	5.94	50	1.97	94	3.70	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	2.08	0.56	1.23	F3
GB12-2.2	12	2.2	178	7.01	35	1.38	61	2.40	67	2.64	0.87	1.91	F3
GB12-2.3CR	12	2.3	182	7.16	24	0.94	62	2.44	62	2.44	0.71	1.56	T25
GB12-3.4	12	3.4	134	5.28	67	2.64	61	2.40	67	2.64	1.26	2.77	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	95	3.74	101	3.98	2.1	4.63	F2
GB12-7.2	12	7.2	151	5.94	65	2.56	95	3.74	101	3.98	2.2	4.85	F2
GB12-7.5	12	7.5	151	5.94	65	2.56	95	3.74	101	3.98	2.3	5.07	F2
GB12-9	12	9	151	5.94	65	2.56	111	4.37	117	4.61	3.0	6.62	F1
GB12-9A	12	9	151	5.94	65	2.56	93.5	3.68	99.5	3.92	2.6	5.73	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
GB12-20	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	T5
GB12-33	12	33	195	7.68	130	5.12	155	6.10	180	7.09	10.3	22.7	T7
GB12-35	12	35	195	7.68	130	5.12	155	6.10	180	7.09	11	24.3	T7

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

Available Series

- OPzV Series
- OPzS Series
- FAG Series
- FA Series
- TGF Series
- TG Series
- Solar Series
- LSG Series
- LSE Series
- HR Series
- DC Series
- DB Series
- GB Series

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.

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