

Capacity Range: 24Ah-200Ah

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		
DC6-100	6	100	194	7.64	170	6.69	205	8.07	210	8.27	16	35.27	T17	
DC12-24	12	24	175	6.89	166	6.54	125	4.92	125	4.92	8.1	17.86	T5	
DC12-35	12	35	195	7.68	130	5.12	155	6.1	180	7.09	11.2	24.69	T7	
DC12-35A	12	35	195	7.68	130	5.12	163	6.42	168	6.61	11.2	24.69	T18	
DC12-55	12	55	230	9.06	138	5.43	208	8.19	211	8.31	17.4	38.36	T18	
DC12-90	12	90	306	12.05	169	6.65	211	8.31	214	8.43	26.3	57.99	T18	
DC12-100	12	100	330	12.99	171	6.73	214	8.43	220	8.66	30	66.14	T18	
DC12-135	12	135	342	13.46	172	6.77	280	11.02	285	11.22	42	92.59	T22	
DC12-150	12	150	485	19.09	172	6.77	240	9.45	240	9.45	44.5	98.11	T22	
DC12-200	12	200	522	20.55	238	9.37	218	8.58	221	8.7	61.5	135.6	T22	

Applications

- Telecommunications with unreliable power sources
- Renewable energy system
- Golf trolley and electric vehicles

Complied Standards

- IEC 60896-21/22
- Eurobat guide, long life
- BS6290 part 4
- UL1989
- IATA and IMDG

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.

Notes

Available Series

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

Headquarters and subsidiaries

- BSB Power Company Limited (HQ)
- BSB Power Europe (France)
- PT. BSB Indonesia
- BSB Power Company Pakistan Ltd



Valve Regulated Lead Acid Battery

DEEP CYCLE VRLA BATTERY

DC Series

RANGE SUMMARY

By combining up-to-date DCP additives in the positive plates and special AGM separators, BSB created an innovative range of Deep Cycle batteries. The DC range features 70% higher cyclic life with 12 years of float life when compared to the standard Duration range.

This series is highly suited for very unreliable power applications requiring the batteries to provide extra cyclic life performance such as outdoor applications, small RE systems and electric vehicles.

FEATURES AND BENEFITS

- 70% more cyclic life through innovation at the PAM additives
- Long life expectancy of 12 years in floating condition
- Thick flat plate with high Tin low Calcium alloy
- Wide operating temperature range from -20°C to 60°C
- Low self-discharge rate
- Very good deep cycle performance: up to 500 @ 80%DOD
- Excellent deep discharge recovery capability

CONSTRUCTION

- Positive plate : Thick high Sn low Ca grid with special paste
- Negative plate : Balanced Pb-Ca grid for improved recombination efficiency
- Separator : Advanced AGM separator for high pressure cell design
- Electrolyte : Dilute high purity sulphuric acid
- Battery container and cover : ABS
- Pillar seal : Two layers epoxy resin seal
- Relief valve : Complete with integrated flame arrestor

CHARGING VOLTAGE AND SETTINGS

- Constant voltage charging is recommended
- Recommended float charge voltage: 2.27Vpc @ 25°C
- Float voltage temperature compensation: -3mV/°C/cell
- Cyclic application charge voltage : 2.40~2.45 Vpc @25°C
- Max. charge current allowable : 0.25C₁₀A

