

# BSB®

[www.bsbpower.com](http://www.bsbpower.com)

### Valve Regulated Lead Acid Battery

## AGM FRONT ACCESS BATTERY

# FA Series

#### RANGE SUMMARY

The FA (Front Access) Series is especially designed for telecommunication use with 12 years design life in float service. By combining the newly developed paste formula with up-to-date AGM structures, this range features 12 years design life and Front Access connection for fast, easy installation and maintenance.

This series is highly suited for telecom applications, UPS systems and other back up applications.

#### FEATURES AND BENEFITS

- 12 years design life in floating condition
- Wide operating temperature range from -15°C to 55°C
- Advanced paste formula with increased recharge efficiency
- Front access terminal with standard width for 19" and 23" ETSI racks
- 30% decreased float current lead to excellent high temperature resistance
- Thick flat plate with high Tin low Calcium alloy
- Low self-discharge rate
- Excellent deep discharge recovery capability

#### CONSTRUCTION

- Positive plate : Thick high Sn low Ca grid minimize corrosion and prolong life
- Negative plate : Balanced Pb-Ca grid for improved recombination efficiency
- Separator : Advanced AGM separator for ultra low float current
- Electrolyte : Dilute high purity sulphuric acid
- Battery container and cover : ABS
- Pillar seal : 100% factory tested, proven 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: 2.25Vpc @ 20~25°C
- Float voltage temperature compensation: -3mV/°C/cell
- Float voltage range: 2.25 to 2.29 Vpc @ 20~25°C
- Cyclic application charge voltage : 2.35 to 2.40Vpc @ 20~25°C
- Max. charge current allowable : 0.25C10A



## Capacity Range: 26Ah-200Ah

### General Specifications

Code No.	Voltage (V)	Capacity (AH)	Length		Width		Dimension Height		Total Height		Weight		Terminal Type
			mm	in	mm	in	mm	in	mm	in	Kg	Lb	
FA6-200	6	200	363	14.3	125	4.92	250	9.84	250	9.84	34.0	75.0	T21
FA12-26	12	26	250	9.84	97	3.81	147	5.79	149	5.87	9.3	20.5	T18
FA12-50	12	50	390	15.4	105	4.13	200	7.87	200	7.87	21.0	46.3	T20
FA12-85	12	85	390	15.4	105	4.13	270	10.6	270	10.6	31.0	68.3	T20
FA12-100	12	100	395	15.6	110	4.33	285	11.2	285	11.2	32.5	71.7	T19
FA12-100A	12	100	395	15.6	110	4.33	285	11.2	285	11.2	31.0	68.4	T19
FA12-100B	12	100	506	19.9	110	4.33	224	8.82	239	9.41	31.5	69.5	T19
FA12-100C	12	100	390	15.4	105	4.13	287	11.3	287	11.3	33.0	72.7	T19
FA12-100D	12	100	390	15.4	105	4.13	287	11.3	287	11.3	33.5	73.9	T19
FA12-100E	12	100	558	21.9	125	4.92	235	9.25	235	9.25	35.0	77.2	T19
FA12-125	12	125	558	21.9	125	4.92	270	10.6	270	10.6	45.0	99.2	T20
FA12-150	12	150	550	21.7	110	4.33	285	11.2	285	11.2	44.0	97.0	T19
FA12-155	12	155	550	21.7	110	4.33	285	11.2	285	11.2	48.0	106	T19
FA12-160	12	160	546	21.5	125	4.92	315	12.4	315	12.4	51.0	112	T19
FA12-180	12	180	546	21.5	125	4.92	315	12.4	315	12.4	53.5	118	T19
FA12-200	12	200	522	20.6	238	9.37	218	8.58	221	8.70	63.0	139	T19

For more information and for the complete list of models, please visit our website: [www.bsbpower.com](http://www.bsbpower.com) or send an email to [enquiry@bsbpower.com](mailto:enquiry@bsbpower.com)

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

### Applications

- Telecommunications
- Power Utility
- UPS
- Signal system

### Complied Standards

- IEC 60896-21/22
- Eurobat guide, long life
- BS6290 part 4
- JISC 8704
- YD/T 799
- 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

### Notes

مهندسين مشاور امواج تیتیس (سهامی خاص)

### Headquarters and subsidiaries

- BSB Power Company Limited (HQ)
- BSB Power Europe (France)
- BSB Power Malaysia Sdn. Bhd
- PT. BSB Indonesia
- BSB Power (Thailand) Co., Ltd
- BSB Power Company Pakistan Ltd



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