

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 60°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 @ 25°C
- Float voltage temperature compensation: -3mV/°C/cell
- Equalize charge voltage: 2.35 Vpc @25°C
- Max. charge current allowable: 0.25C₁₀A





Page 7 FA Series AGM Technology



Capacity Range: 55Ah-200Ah

General Specifications

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

	Voltage (V)	Capacity (AH)	Dimension								l _		
Code No.			Length		Width		Height		Total Height		Weight		Terminal
			mm	in	mm	in	mm	in	mm	in	Kg	Lb	Туре
FA6-200	6	200	363	14.3	125	4.92	250	9.84	250	9.84	34.0	75.0	T21
FA12-55	12	55	277	10.9	106	4.17	223	8.78	223	8.78	18.0	39.7	T17
FA12-100	12	100	395	15.6	110	4.33	285	11.2	285	11.2	32.5	71.7	T19
FA12-100H	12	100	370	14.6	125	4.92	291	11.4	229	9.02	32.6	71.9	T19
FA12-125	12	125	550	21.7	106	4.17	315	12.4	315	12.4	37.0	81.6	T19
FA12-150	12	150	558	22.0	112	4.41	295	11.6	295	11.6	44.5	98.1	T19
FA12-155	12	155	558	22.0	112	4.41	295	11.6	295	11.6	48.3	107	T19
FA12-160	12	160	560	22.0	125	4.92	316	12.4	316	12.4	48.0	106	T19
FA12-170	12	170	560	22.0	125	4.92	316	12.4	316	12.4	51.5	114	T19
FA12-180	12	180	560	22.0	125	4.92	316	12.4	316	12.4	53.5	118	T27
FA12- 200	12	200	560	22.0	125	4.92	316	12.4	316	12.4	56.0	123	T27

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

Notes		









