



Applications and Key Benefits

- + Designed to achieve optimal performance and to protect from power disturbances
Ideal for:
 - high rate discharge UPS application
 - emergency power supply systems
 - IT network operations and data centers
 - emergency lighting
- + 6 and 12 volt monoblocs
- + Very high energy density allows more compact battery layout and footprint
- + Easy installation in cabinets or racks
- + Non-spillable
- + Flame retardant plastics
- + VRLA AGM and gas recombination technology with 99% internal recombination
- + Maintenance free without topping-up
- + Non-hazardous for air/sea/rail/ road transportation
- + 100% Recyclable

Applicable Standards

- IEC 60896 Part 21 - VRLA methods of testing
- IEC 60896 Part 22 - VRLA requirements
- BS 6290 Part 4 - specifications for VRLA classification
- Eurobat "High Performance" - 10-12 years

FIAMM Manufacturing

- ISO 9001 - Quality Management System
- ISO 14001 - Environmental Management System
- OHSAS 18001 - Workplace Safety & Health

Technical Features

- Gravity casted grids with high purity lead calcium tin alloy
- Active material on both sides of the grids guarantees optimized performance
- Minimal grid growth and corrosion resistant for prolonged service life
- Electrolyte fully absorbed in glass mat "AGM" separators with extremely high micro porosity
- Threaded female M5/M6/M8 terminal posts guarantee highest conductivity, maximum torque retention and easy installation
- Leak-resistant post seals prevent acid seepage over a wide temperature range
- Cells equipped with one-way safety valves that open at 5 PSI and close at 3 PSI to allow excess gas to escape when overcharging
- Flame arrestors prevent sparks or flames from entering the battery
- ABS IEC 707 FV0 and UL 94 V0 (LOI greater than 28%) flame retardant plastics
- Container and lid designed for unsurpassed mechanical strength made of thick walled plastics
- < 2% self-discharge per month at 20°C allows 6 months shelf life
- Remote venting system available for applications which require limited gassing to be vented externally (available on models ranging from 12FLB250 to 12FLB450)



