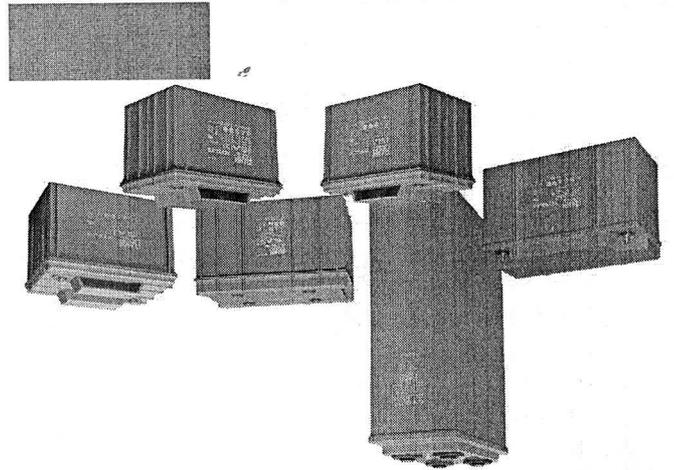
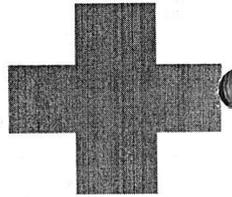


**Applications and Key Benefits**

- + AGM standby batteries 24Ah to 2000Ah, designed for highest integrity, security and reliability
- Ideal for:
- High rate discharge UPS application
- Telecom wireless and wireline
- Industry and process controls
- Emergency power supply systems
- IT network operations and data centers
- Electric utility
- Switchgear
- + 2V cells and 4V, 6V and 12V blocs
- + Excellent for high rate discharge (1 to 60 min)
- + and medium to very long discharge (2 to 20 hours)
- + >12 years design life in float operation in temperature controlled environments
- + Very high energy density allows more compact battery layout and footprint
- + Flame retardant plastics and flashback protection
- + Full compliance with international product and safety specifications
- + VRLA AGM and gas recombination technology with 99% internal recombination
- + No separate battery room required
- + Maintenance free without topping-up
- + Non-hazardous for sea/rail/road/air transportation
- + 100% Recyclable  
(except for 2 SLA 800-2000Ah: non-hazardous for road and rail transportation)



- Extra-thick plates with grids cast from high purity lead-calcium-tin alloy to minimize grid growth and corrosion, for prolonged service life
- Electrolyte absorbed in glass mat "AGM" separators with extremely high micro porosity
- Threaded post terminals with brass inserts guarantee highest conductivity, maximum torque retention and easy installation
- Heavy-duty internal straps and through-the-partition cell connections minimize internal resistance
- State of the art post seals prevent acid seepage over a wide temperature range
- Cells equipped with one-way safety valves 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
- Thick walled plastics designed for unsurpassed mechanical strength
- Most sizes have integrated handles
- > 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

**Technical Features**

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System

**FIAMM Manufacturing**

- IEC 60896 Part 21 - VRLA methods of testing
- IEC 60896 Part 22 - VRLA requirements
- Eurobat "Long Life" - 12 years and longer
- BS 6290 Part 4 - specifications for VRLA classification
- BS 6334 / UL 94 V0 / IEC 707 FV0
- determination of materials flammability
- Bellcore TR-NWT-000766 - VRLA battery generic requirements
- Bellcore TR-NWT-000909 - Fiber generic requirements
- Telcordia GR-4228 - VRLA battery string certification
- UL Recognized
- UL 1778 - UPS equipment

**Applicable Standards**