



Applications and Key Benefits

- + Designed for high energy density front terminal Telecom installations
- Ideal for:
 - Telecom BTS - wireless application
 - Outdoor wireline cabinets
 - Broadband, microwave repeater and fiber optic regeneration sites
 - Use in areas with stable on-grid power supply
- + Suitable for discharge 30 min up to 10 hours
- + Front terminal design for reduced headspace, higher energy density and compact battery layout
- + Front terminal design reduces installation time and facilitates maintenance
- + 19 or 23 inch and ETSI power racks / cabinets
- + AGM gas recombination technology
- + Minimal gassing and fit for remote venting
- + Non-spillable
- + 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 "Long Life" - 12 years and longer
- UL Recognized

FIAMM Manufacturing

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

Technical Features

- Pasted plates and grids of high quality lead-tin-calcium alloy
- Electrolyte fully absorbed in glass mat AGM separators with extremely high porosity
- 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
- Thermally welded case-to-cover sealing avoids leakage
- Threaded terminal posts with brass inserts guarantee highest conductivity, maximum torque retention and easy installation
- High integrity post seal design to prevent electrolyte leakage over a wide temperature range
- Flame arrestors prevent sparks or flames from entering the battery
- Heavy-duty internal straps and through-the-partition cell connections minimize internal resistance
- Fully insulated removable terminal covers with probe hole for safe and easy voltage measurement
- Robust connectors for use also in high rate application
- Design allows connections to the top, the front or the side
- Lids have space for end-battery connection cables
- All models have removable rope handles
- Cells equipped with one-way safety valves to allow excess gas to escape when overcharging
- Remote venting system available for applications which require limited gassing to be vented externally
- < 2% self-discharge per month at 20°C allows 6 months shelf life



