

## 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 : 0.25C<sub>10</sub>A



