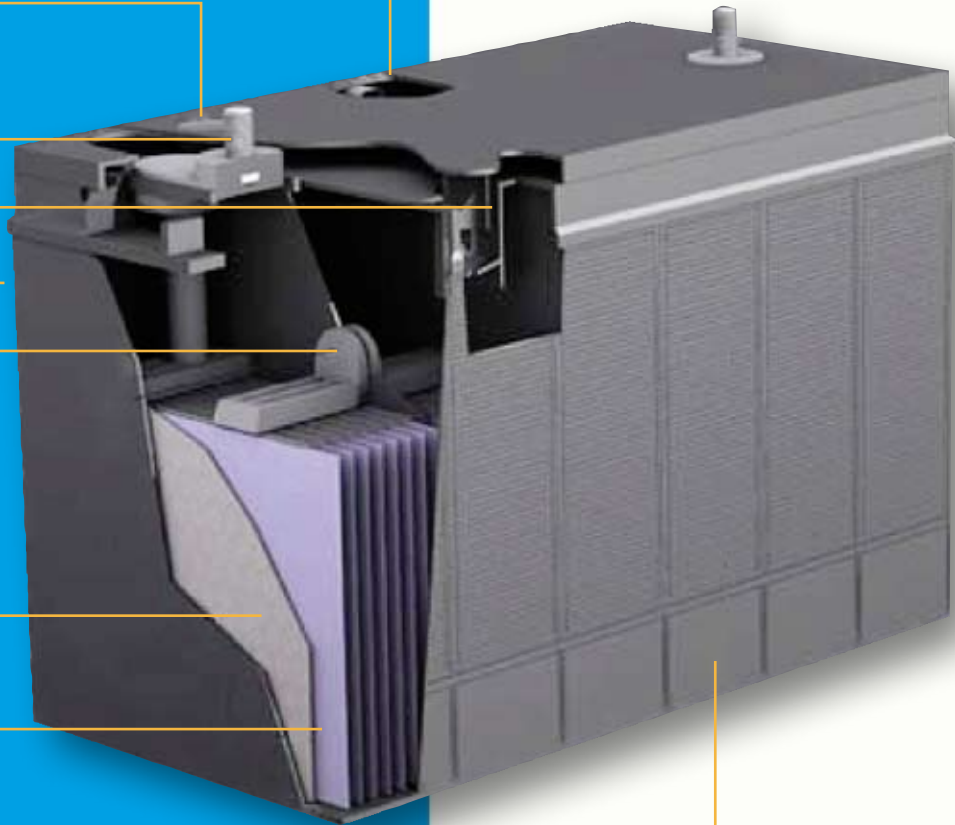




# Maintenance Free Battery Technology

## Features

- Built-in Flame Arrester
- Unique Magic Eye
- Triple Sealed Terminals
- Special Liquid-Gas Separator
- Sealed Top Prevents Electrolyte Contamination and Overwatering
- Intercel Connections Provide Increased Performance and Reliability
- Wrought Lead-Calcium Grids are fine grained, strong and corrosion resistant
- Anchored plates with centred connections resist vibration damage
- Heavy Duty Polypropylene case is reinforced for maximum strength



## Benefits

### Maintenance Free

Increased service life (no topping up required)

### Magic Eye

State of charge indicator

### Flame Arrestor

Prevents risk of explosion from external source

### Liquid Gas Separator

Recycles electrolyte, reducing water loss

### Wrought Lead Calcium Grids

Reduces grid corrosion and resists overcharge

### High Density Plates

Increase cycle life and improved vibration damage resistance

### Excellent Shelf Life

12/18 months

### Extended Warranty

12/24 months dependant on product and application

# Specifications

## Centred Cast-on Grid Straps

- Stronger than the thinner gas-burned conventional connectors.
- Reduce the lever action movement resulting from road shock.

## Exclusive Patented Liquid Gas Separator

- Prevents electrolyte losses by collection and returning liquid to the reservoir.
- Vents allow the battery to “breathe” during temperature changes and charging.

## Flame Arrester

- Safety system
- Prevent an explosion from an external source
- Minimize acid-leakage
- Prevent the inflow of dust

## Heat Sealed Covers

- Prevent contamination and also adds to the strength and rigidity.
- Include permanent flame arresters to prevent and accidental explosion from external sparks or flame.
- Have hydrometer built in for faster checking.

## Hydrometer

- At full charge, the electrolyte specific gravity is 1.280 while at 50% of charge considered the minimum serviceable condition, the specific gravity is typically 1.220. In a typical situation when the specific gravity drops to 1.100, the battery is fully discharged.



## Low Resistance Envelope Separators

- Encapsulate negative plates
- Improve vibration durability
- Prevent “treeing” and internal shorting between pos. and neg. plates

## Polypropylene Case

- Reinforced design is precisely tailored to support the battery elements.
- Material is exceptionally strong, durable and withstands road shock and vibration.

## Wrought Lead-Calcium Grids

- Offer considerable strength
- Resistant to grid corrosion
- Over-charge resistant
- Minimal gassing and water usage
- Low self-discharge
- Resist thermal runaway