



## Statement

Date: Apr 20, 2023

To whom it may concern,

National Fire Equipment Ltd. announces that all our VRLA batteries supplied are of patented design, the features are listed below:

### 1. Long Service Life

Heavy duty lead-calcium grids ensure mild corrosion and enable a long designed service life of 18 years standby use under optimal float charge conditions and below optimal operating temperature of 20°C.

### 2. Excellent & High Efficient Discharge

Batteries are equipped with low resistant plates and conducting parts, which decrease the internal resistance and ensure the highest discharging efficiency.

### 3. Triplex Sealed Construction

Valve regulated sealed construction and triplex strengthened sealing on terminals and posts prevent electrolyte leakage, and guarantee the air tight and liquid tight state of batteries in normal operation and prevent external air from entering into battery.

### 4. Low Self Discharge

Because of the use of lead-calcium grids alloy these batteries have low self discharge and reliable performance. In room temperature, self discharge ratio per month is about 3% of the battery capacity.

### 5. High Security

Batteries are equipped with explosion-proof safety valves to prevent production of redundant gas. And the construction is designed to prevent setting fire to the internal battery in case sparkles approach.

### 6. High Efficiency of Recovery

Unique formulas are used in lead paste of positive post and ensure the battery can be recharged easily to a normal level.

### 7. No Electrolyte Stratification

Special additives are used in electrolyte to give it a gelatinous consistency without flowing, leaking or stratification, and make all parts of plates react evenly.

### 8. Data Sheets

Refer to the data sheet corresponding to the battery installing for more information.