

Product Advisory Notice



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Scope: All Sensys customers and dealers
Type: SAFETY & PROCEDURES

LITHIUM THIONYL CHLORIDE BATTERIES

Sensys Networks uses Lithium Thionyl Chloride batteries in the following products:

Sensors (VSN240-F, VSN240-T, VSN240-S)

Repeaters (RP240-B, and RP240-B-LL)

Lithium batteries are widely used in electronic products because they contain more energy per unit - weight than conventional batteries. However, the same properties that deliver high energy density also contribute to potential hazards if the batteries are damaged. Improper use or handling of the batteries may result in leakage or release of battery contents, explosion or fire.

Following are the recommendations of the battery manufacturer for proper use and handling of batteries in the Sensys devices mentioned above:

- **DO NOT** charge or attempt to recharge the batteries (batteries are NOT rechargeable)
- **DO NOT** crush or puncture batteries
- **DO NOT** short-circuit the batteries
- **DO NOT** force over-discharge of the batteries
- **DO NOT** incinerate or expose batteries to excessive heating
- **DO NOT** expose battery contents to water
- **DO** dispose of batteries and devices containing batteries in accordance with local regulations

Sensys Networks sensors contain no serviceable parts and should never be disassembled. Installation and removal of sensors from pavement should only be done by trained personnel and care should be taken to insure that the sensor casing is not punctured or crushed.

Additional safety information is available from the battery's manufacturer:

Sensor battery cell: http://www.able-battery.com/msds/ABLE_MSDS_ER14505.pdf

Repeater battery cell: http://www.able-battery.com/msds/ABLE_MSDS_ER34615.pdf