



SafetyNet EV Gas Monitoring and J1939

NEW Gas Detection Technology for Electric Buses

Features:

- **SafetyNet-EV** system features advanced technology adapted for today's cleaner electric vehicles
- Sensors strategically placed around the bus register a warning before an event occurs
- System sounds an alert, allowing the driver more time to pull over and safely evacuate the bus
- **Controller Area Network (CAN)** Module telematics can be configured to alert the operations control center for faster on-scene response

Benefits:

- Saves Lives and Property
- Early Warning - Rapid Response
- Provides advance notice of a thermal runaway event

Why Amerex? Amerex built the original mobile gas detection system in 1992 and has spent nearly 30 years improving the technology. With Amerex, you know that you are getting the safest, most dependable products on the market.

Component Overview:

Gas Sensors are calibrated for use in electric vehicle battery compartments to monitor volatile combustible gases produced as a result of overheating, overcharge or other conditions.

Gas Sensors



The SafetyNet-EV Panel is specifically designed to work with new gas sensors, alarm levels and programming. Tested and calibrated for EV Lithium ion gas characteristics.

SafetyNet-EV Panel



Provides connection to the bus CAN network allowing for fault and alarm notifications from the SafetyNet-EV system panel to be transmitted to the central monitoring location.

SafetyNet CAN Module



Multi-Cell Lithium Ion Array Heated Until Thermal Runaway Event

