



EV-Garm

Carbon Monoxide System for Lithium-Ion Battery Safety in Electric Vehicle Vehicles



Designed specifically for electric vehicles undergoing maintenance, our EV-Garm offers critical safety monitoring in automobile repair facilities. Sensing early signs of lithium-ion battery venting, this system is an indispensable safety solution for any service center dealing with battery electric vehicles. Featuring innovative, patent-pending technology, our system sets a new standard for safety monitoring.

FLEXIBLE INSTALLATION

Features a non-permanent, intermittent installation process that can be easily adapted to various electric vehicle models and service settings.

Advanced Sensor Technology: Includes four wirelessly connected sensor modules and a main controller unit, optimizing spatial coverage and detection accuracy.

Durable Battery Life:

Sensor modules are powered by internal rechargeable batteries, providing two weeks of operation, while the main controller includes a backup battery to ensure continuous monitoring.

KEY FEATURES

Specialized for Electric Vehicles: Tailored to monitor electric vehicles during service, ensuring any early signs of battery distress are detected promptly.

BENEFITS

Targeted Protection: Focuses on the unique needs of electric vehicles in maintenance environments, enhancing safety protocols.

Operational Efficiency: Allows for quick setup and removal, minimizing downtime in fast-paced service settings without compromising safety.

Comprehensive Safety Alerts: Employs auditory and visual alerts to immediately notify technicians of potential battery venting incidents.



INSTALLATION AND USAGE

Ideal for automobile maintenance facilities and repair shops specializing in electric vehicles. The system’s design allows for rapid deployment and removal, accommodating the dynamic nature of vehicle servicing.

EMERGENCY RESPONSE GUIDELINES

If the alert is signal activated, evaluate the source and safety of the environment immediately. Follow facility-specific evacuation protocols if necessary. Contact emergency services if a battery venting situation is confirmed.

ENSURE SAFETY IN EV MAINTENANCE

Equip your facility with our Carbon Monoxide Detection System to safeguard against the specific risks associated with servicing electric vehicles. This system not only protects your technicians but also prevents potential damage to vehicle and property. Contact us today for more details and to order.



TECHNICAL SPECIFICATIONS

Feature	Description
Part number	56-1000-05
Input	100-240VAC, 50/60Hz
Typical power consumption	5W
Operating temperature	-20 to +40°C
Operating humidity	10-95%RH
Ingress protection	IP 54
Measurement range (CO)	0 - 1000ppm
Sensor battery life	2 weeks
Control unit backup battery	2 days
Compliance	RED & EMC ETSI EN 300 328 V2.2.2 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 EN IEC 61000-6-2:2019 EN IEC 61000-6-4:2019 ROHS EN IEC 63000:201
Carbon monoxide sensor element 100% Factory tested	