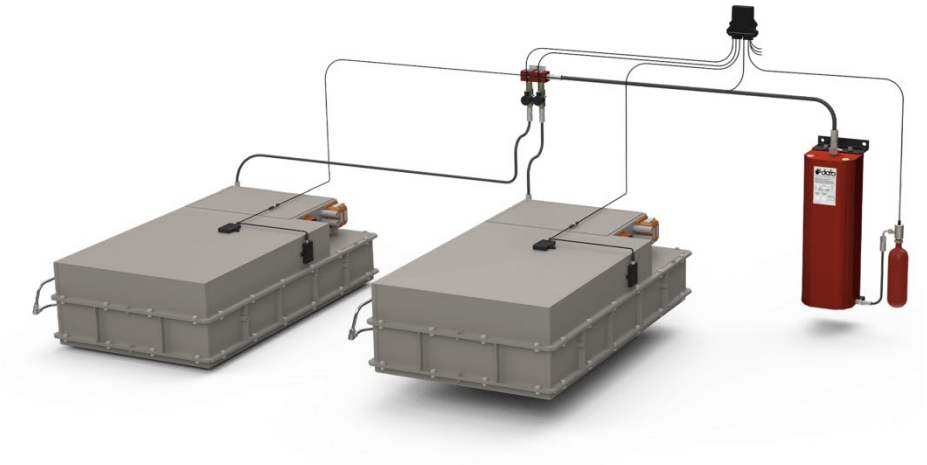
# Dafo Vehicle CO Sensors

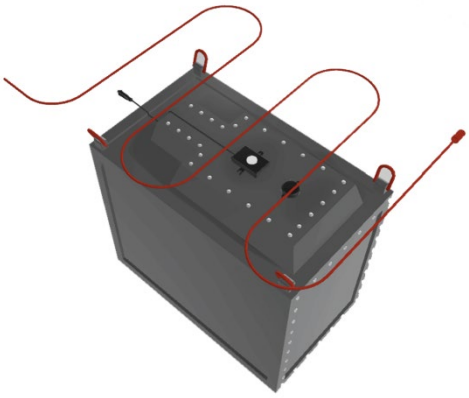


## Advanced Early Detection for Battery Safety

*The Dafo Vehicle CO sensors are engineered for early detection of CO emissions that signal potential thermal runaway in Li-ion batteries and fires in electrical cabinets. With advanced signal processing, these sensors detect CO emissions, temperature, and humidity to provide reliable detection in diverse environmental conditions.*

Designed to be installed within or near battery packs, the CO sensor excels in the early detection of battery failures. It is also effective for other fire-related events involving CO release. Housed in durable, automotive-grade polymer, the sensor is available in a compact PCB version (model 55-2656-05), perfect for tight spaces, with a thickness of less than 7mm for custom installations.

Data transmission occurs through a CAN bus interface, utilizing a standard M12 connector for seamless power and communication integration. Real-time temperature and humidity monitoring further enhance the sensor's reliability, enabling it to contribute to sophisticated alarm algorithms. Compatible with Dafo Vehicle's CEV-3 and CV-X control units, the CO sensor can also connect to any CAN bus network or operate independently with its solid-state output.



*For precise, proactive fire protection in battery applications, Dafo Vehicle's CO sensors are built to deliver reliable performance in the toughest environments.*

For added functionality, the CO sensor can connect to Dafo Vehicle's linear heat detector. This setup allows the CO sensor to act as a pre-alarm, shutting off the battery pack in the early stages, while the linear detector manages fire suppression.

<u>CO Sensor Models Available:</u>

**55-2656-00 -** Standard version
**55-2656-05 -**PCB version for compact applications
**55-2656-06 -** Features daisy-chain connectivity for multiple sensor setups