

# BESAFE

## Dual Channel Gas Detector for Battery Energy Storage

Crowcon's BESafe offers fast, accurate detection of hydrogen (H2), carbon monoxide (CO), and methane (CH4). Its dual-channel capability enables simultaneous monitoring of two gases and allows flexible configuration to suit different applications. Specifically developed for the demands of battery backup and energy storage systems, BESafe features remote smart sensors that simplify installation and requires minimal maintenance throughout their lifecycle.

**Product Warranty:** 2 years

**Sensor Warranty:** 2 years on CO, CH4 & H2 sensors

### Standard Content:

BESafe transmitter, Sensor module(s) and Remote Sensor Cable (if applicable)

1x M20 Cable Gland

Sensor Calibration Certificate(s)

EU or Intertek DoC

Quick Start Guide



Transmitter Type		Right Sensor Bay	
Code	Description	Code	Description
BESL	BESafe with Left Bay Only	ZZ	None
BESR	BESafe with Right Bay Only	A11	Methane CH4 100% LEL Cat
BESB	BESafe with Both Bays	A12	Methane CH4 25% LEL Cat
		A21	Hydrogen H2 100%LEL Cat
		A22	Hydrogen H2 25%LEL Cat
		A31	Carbon Monoxide CO 50 ppm EC
		A32	Carbon Monoxide CO 100 ppm EC
		A33	Carbon Monoxide CO 200 ppm EC
		A34	Carbon Monoxide CO 500 ppm EC
		A35	Carbon Monoxide CO 1000 ppm EC
Left Sensor Bay		Certification & Language	
Code	Description	Code	Description
ZZ	None	C1	CE, English
A11	Methane CH4 100% LEL Cat	U1	ETLus, English*
A12	Methane CH4 25% LEL Cat		
A21	Hydrogen H2 100% LEL Cat		
A22	Hydrogen H2 25% LEL Cat		
A31	Carbon Monoxide CO 50 ppm EC		
A32	Carbon Monoxide CO 100 ppm EC		
A33	Carbon Monoxide CO 200 ppm EC		
A34	Carbon Monoxide CO 500 ppm EC		
A35	Carbon Monoxide CO 1000 ppm EC		
		Left Sensor Bay - Remote Options	
Code	Description	Code	Description
ZZ	None	ZZ	None
		01	1m cable
		02	2m cable
		05	5m cable
		08	8m cable
		10	10m cable
		15	15m cable
		Right Sensor Bay - Remote Options	
Code	Description	Code	Description
ZZ	None	ZZ	None

