

Main Functions and Features

- SMART sensor module, easy for replacement and maintenance
- Intrinsically Safe design
- LCD screen wide view
- High alarm/ low alarm adjustable
- Calibrating level adjustable , easy for calibrating
- Combustible gas channel with high-concentration protection function
- Low-voltage alert
- Data uploading to PC available
- Audible, visual and vibration alarm method

Technical Specification

- **E6000**
Target gas: combustible gas, toxic gas, oxygen, VOC
- **Response time:**
Semiconductor, Catalytic, Thermal conductivity $t_{90} < 30s$
Oxygen, Carbon monoxide, hydrogen sulfide $t_{90} < 30s$
- **Alarm method:** Audible, visual and vibration alarm
- **Working condition:**
Cumbustile Gas: $-40^{\circ}C \sim 70^{\circ}C$
Toxic Gas $-20^{\circ}C \sim 50^{\circ}C$
Working humidity: $\leq 95\%RH$ no condensation
Power source: Lithium battery (DC3.6V, 6600mAh))
Charging time: 4~6 hours
Continuous working time:
 ≥ 30 hours (for combustible gas and toxic gas)
 ≥ 300 hours (for toxic gas under temperature of $20^{\circ}C$)
Ingress protection: IP65

Ranges:

- CO : 0 - 1000PPM
- O₂ : 0 - 30% VOL
- Combustible gas : 0- 100% LEL
- H₂S : 0 - 200 PPM



GAS LIST

Gas	Range	Resolution	L-alarm	H-alarm
LEL	0-100%LEL	1%LEL	20%LEL	50%LEL
LEL Vapor	0-100%LEL	1%LEL	20%LEL	50%LEL
CO	0-1000PPM	1PPM	35PPM	200PPM
H ₂ S	0-100PPM	1PPM	10PPM	15PPM
NH ₃	0-100PPM	1PPM	25PPM	50PPM
CL ₂	0-20PPM	0.1PPM	5PPM	10PPM
O ₂	0-30%VOL	0.1%VOL	19.5%VOL	23.5%VOL
SO ₂	0-500PPM	1PPM	10PPM	50PPM
CO ₂	0-6000PPM	1PPM	1500PPM	2000PPM
CO ₂	0-5%VOL	0.01%VOL	1.5%VOL	2.5%VOL
NO	0-1000PPM	1PPM	25PPM	50PPM
NO ₂	0-20PPM	0.1PPM	5PPM	10PPM
HCN	0-100PPM	1PPM	5PPM	10PPM
H ₂	0-1000PPM	1PPM	35PPM	250PPM