



# SAFEGUARD

[www.safeguardequipment.com](http://www.safeguardequipment.com)

## SAVING LIVES THROUGH CUTTING EDGE VOLTAGE AND CURRENT DETECTION.

NEW, IMPROVED NEXT-GEN CE60-G2, IRBY # .3894642

### Product Description

COMPASS is a lightweight non-contact voltage and current detector that works by identifying the presence of electrical and magnetic fields. It mounts to the brim of any hard hat and quickly warns the user when voltage and current are present on their work site. When a source is detected, users are shown its approximate distance and direction (voltage only) through visual and audible alerts. COMPASS will detect both overhead and underground high voltage sources. COMPASS was designed to be utility worker tough with full water resistance and rugged mounting clips.



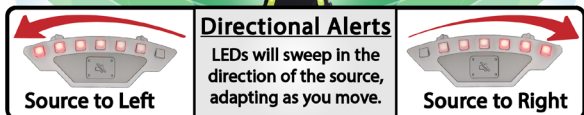
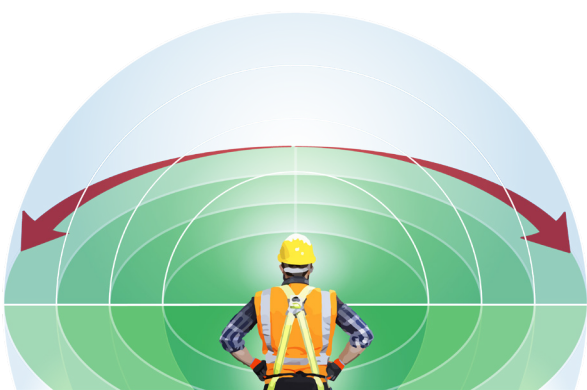
**Current Detection**



**Voltage Detection**

### Features

- Rated for 2.4 kV and Up
- Visual & Audible Alerts
- Mute/Unmute Audible Alerts
- Custom Sensitivity Settings
- Detects Current Through Most Solid Surfaces
- Detects Delta Systems
- Smart Adaptive Setting
- IEC IP67
- Ten Days of Battery Life Per Charge



#### Directional Alerts

LEDs will sweep in the direction of the source, adapting as you move.

Source to Left

Source to Right

### Next-Gen Improvements

- 7 levels of voltage & current detection sensitivity
- Simplified User Interface
- Complete water resistance
- Extremely durable helmet clips



A Sonepar Company

Contact your local IRBY branch or Sales Rep to order, or visit [www.irby.com](http://www.irby.com)



Model Numbers	<ul style="list-style-type: none"><li>• CE60 - 60 Hz Model</li><li>• CE50 - 50 Hz Model</li></ul>
Size	3.5" x 1.2" x .04" (88.9 mm x 30.48 mm x 10.16 mm)
Weight	0.5 oz (14.2 g)
Operating Temperature	-29° C to 60° C (-20° F to 140° F)
Water Resistance	IEC IP67
Power System	Rechargeable 250mAh Lithium-ion battery: Discharge rate varies depending on number of alerts, full charge can last 10+ days (80+ hrs).
Charge Time	1.5 hours
Directional Accuracy	Detects the direction to a source with a minimum accuracy of $\pm 20^\circ$ heading from 8 feet. Accurate 360° around the user.
Sensitivity Levels	Seven sensitivity levels including Smart Adaptive Mode. *Detection distances vary depending on conditions, settings, and model.
Operating Frequency	60 Hz (For 50 Hz applications, ask sales about Compass-CE50)
Operating Voltages	High Voltage Model: 2400VAC-500kVAC RMS Line to Neutral
Ports	Water Resistant 5V USB 2.0 Micro B charge point access
Warranty and Service	1-Year Limited Warranty and Service included.
Regional Support	Certain services may not be available outside the U.S.
Certifications	CE (ROHS, WEEE, 2006/66/EU Battery Directive) *Consult Factory for Availability
Standards	Meets the following in a controlled environment: <ul style="list-style-type: none"><li>• OSHA 1910.269 Table R(6) -ground</li><li>• NFPA 70E 130.4 (C) (a) (5) prohibited approach boundary -ground (tested single -ground 2400v – 7200v)</li></ul>
Included in the Shipment	COMPASS: PERSONAL VOLTAGE AND CURRENT DETECTOR, Quick Start Guide, USB Charging Cable and Wall Plug, Durable Safeguard Equipment Clam Shell Storage Case.

## APPLICABLE INDUSTRIES:

Utilities | Gas and Water | Construction | Telecommunication | Arborist