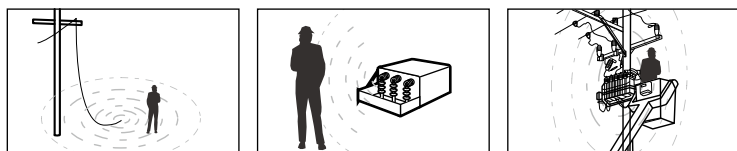


Rechargeable Contactless Voltage Detector



About Product

The Rechargeable Contactless Voltage Detector serves as a vital safety companion for electrical workers, helping prevent potentially fatal high-voltage shocks. When worn, this intelligent device continuously monitors the surrounding area. As the wearer approaches a high-voltage source, the detector activates both visual and audible alarms at a safe distance, calibrated to the specific voltage level detected. This early warning system allows workers to maintain a secure perimeter, enhancing workplace safety in high-risk electrical environments.



Voltage Detection Range and Safe Distances

Sl.no	Voltage Level	Distance
1	110 V	0.1±0.02 m
2	230 V	0.2±0.02 m
3	415 V	0.25±0.02 m
4	11 kV	2±0.1 m
5	25 kV	3.6±0.1 m

Function

- Detects voltages from 230 V to 25 kV
- Dual alert system: LED lights and audible alarm
- IP54 ingress protection
- Wrist-worn for convenience
- Rechargeable type, with a single-charge standby time of up to one week under typical usage conditions
- Long-lasting: 10+ months standby time
- Utilizes advanced non-contact induction technology optimized for overhead lines and unshielded cables

Features

- Suitable for sites having overhead high voltage lines
- Non-contact induction technology
- Rechargeable battery with a 10% low-battery indicator
- Audio & Visual indications
- Low power consumption

Technical Parameters

- Detection Range : 230VAC to 25KVAC
- Working Frequency : 50Hz/60Hz
- Visual Indicator : LED light
- Audible Buzzer : 85 dB @ 1m
- Operating Temperature : -10°C to 55°C
- Package Dimensions (WxLxH) : 100 mm x 85mm x 60mm