

This personal safety sensor is designed to detect AC High Voltage. It provides a prominent warning to personnel when they are approaching a high-voltage source. It is ideal for electric engineering personnel, power engineering personnel, firefighting personnel, and instrument equipment workers.

KEY FEATURES

- **Compact & Wearable:** Easy to wear on the wrist and convenient to use.
- **Durable Design:** Suitable for both indoor and outdoor use with a waterproof rating of IP65.
- **Self-Testing:** Equipped with a self-test function to ensure all features are working correctly.
- **Wide Detection Range:** Able to sense all kinds of AC High Voltage Systems from 110V to 42kV.
- **Wide Detection Angle:** Has a voltage detection angle of approximately 120°.
- **Low Power Consumption:** Ensures a long battery life.
- Certified: CE Certified.



SPECIFICATIONS

SPECIFICATION	VALUE
PART NUMBER	VSVD-325
IP RATING	IP65
APPLICABLE VOLTAGE	110V ~ 42kV
APPLICABLE FREQUENCY	50 / 60 Hz
DETECTION ANGLE	120°
VOLUME	≥ 70dB (at 1 meter)
OPERATING TEMPERATURE	0°C ~ 40°C
OPERATING HUMIDITY	80% RH
DIMENSIONS (BODY)	79(L) x 33(H) x 42(D) mm
WEIGHT	42g (including battery)
BATTERY TYPE	CR2032
BATTERY LIFE	50 hours (continuous use)
ACCESSORIES	Instruction Manual, Battery

DETECTION DISTANCE

VOLTAGE (PHASE TO GROUND)	DETECTION DISTANCE
11KV	120 cm ± 20%
22KV	140 cm ± 20%
33KV	160 cm ± 20%

METHOD OF USE

1. Inspection Before Use:

- Check the appearance and structure for any abnormalities.
- Press the "Self-Test" switch for about 3 seconds to confirm all functions are normal.
- For safety, test the unit by touching an AC 110V insulated wire to confirm it sounds and flashes.

2. Wearing:

- Wear the unit on the outer side of the wrist.
- Ensure the sensing side faces outward.
- For best results, the sensing side should face the high voltage source at a right angle (90 degrees).