



# V-Watch Personal Voltage Detectors

**IT CAN SAVE YOUR LIFE. IT'S THAT SIMPLE.**

Worn on the outside of your clothing at mid-torso, the V-Watch® provides that extra level of safety by detecting and alerting you to the presence of electrical fields or energized electrical equipment. In emergencies, you and your crews can move safely to quickly restore power to your customers. The V-Watch is available in both a standard model and a pro model with a mute feature. Each comes in a tough nylon carrying case lanyard that is worn around the neck during use.

## Features and Benefits

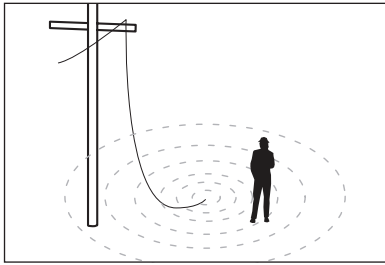
- Alerts user to proximity of high voltage
- Audible and visual alarms increase in frequency the closer the user gets to energized equipment
- Typical V-Watch initial warning distance is about 7 feet (2.13 m) from a 4kV AC conductor (*see instruction manual for more details*). Warning distance increases with higher voltages.
- Provides another level of safety for line crews, storm restoration workers and first responders
- Low battery indicator
- Field replaceable 9V battery
- Rugged protective housing
- Built-in self test
- Lightweight
- Carrying case lanyard
  - Electrically shielded to block electric fields when not in use
  - Storage case when the V-Watch is not in use
  - Lanyard allows user to adjust to optimum mid-torso position



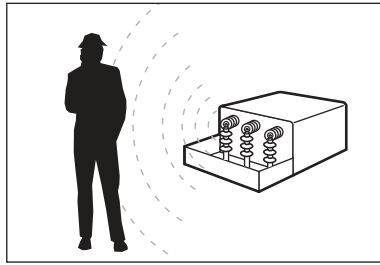
**V-WATCH®**

PERSONAL VOLTAGE DETECTOR

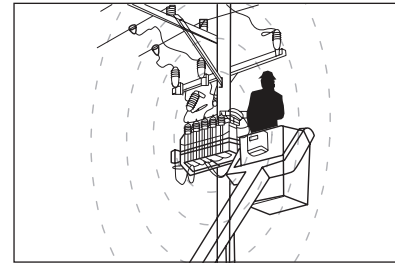
## V-Watch Capabilities



DETECTS DOWNED ELECTRICAL CONDUCTORS



DETECTS EXPOSED CONDUCTORS INSIDE ELECTRICAL EQUIPMENT



DETECTS ELECTRICAL FIELDS IN AERIAL BUCKETS

## Specifications

- **Sensitivity:** Factory Set at 50/60 Hertz sensing threshold (first beep). The V-Watch will only detect AC voltage. Do not use below 2400 Volts.
- **Typical Warning Distance:** 7 feet (2.13 m.) from a 4kV AC conductor.
- **Operating Temperature:** -20° to +120°F (-29° to 49°C)
- **Battery:** 9V alkaline 1604A, IEC 6LR61. Life is 2 years in storage, one year typical usage.
- **Beeper Sound Pressure Level:** 100 decibels
- **Water Withstand:** Protected from falling rain per IEC-529, Level 2
- **Weight (with battery):** 5.2 oz. (147 g.)
- **Dimensions:** 3.5" x 2.88" x 1.25" (8.89 cm. x 7.32 cm. x 3.18 cm.)
- **Voltage Range:** 2400VAC and above



## Ordering Information

MODEL	DESCRIPTION
VW-20H	V-Watch Personal Voltage Detector with self-test function, yellow color, includes C-10 carrying case lanyard, 9V alkaline battery, instruction booklet and instruction card.
VW-20H-K	V-Watch Kit includes VW-20H, C-10 carrying case lanyard and VW-K-BAG zippered carrying bag.
VWP-20H	V-Watch Pro Personal Voltage Detector with mute button (turns off audible for 5 minutes), self-test function, orange color, includes C-10 carrying case lanyard, 9V alkaline battery, instruction booklet and instruction card.
VWP-20H-K	V-Watch Pro Kit includes VWP-20H, C-10 carrying case lanyard and VW-K-BAG zippered carrying bag.
C-10	Shielded carrying case with built-in lanyard for V-Watch Units. Includes instruction card. Please specify which V-Watch model is being used – C-10VW or C-10VWP.
VW-K-BAG	Orange zippered carrying bag holds V-Watch unit, C-10 carrying case lanyard and instruction manual.

For more information, visit [www.hdelectriccompany.com/vwatch.htm](http://www.hdelectriccompany.com/vwatch.htm)

Note: Other sensitivity ranges and accessories are available for customer-specific applications. Contact HD Electric for additional information.

All sales are subject to the terms and conditions of the Limitation of Warranty and Liability set forth in the product Instruction Manual and at [www.HDElectricCompany.com](http://www.HDElectricCompany.com). Users must read and agree to the Limitation terms, as stated, before using product. HD Electric Company is committed to ongoing review and improvement of its product lines, and thus reserves the right to modify the product design and specifications without notice. HD Electric Company products are available through HDE Sales Representatives worldwide. Printed in the U.S.A. • U.S. Patents 6,329,924 & D439,537 & D622,956 S. Other patents pending. • © HD Electric Company 2011 • Bulletin No. VW-500a



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