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.

There are two versions of the C-10 Carrying Case Lanyard available. The **C-10** Carrying Case Lanyard is made with a black shielded material. The **NEW C-10FR** Carrying Case Lanyard is made with a high-visibility safety green material that is shielded with the added benefit of an outer layer of flame resistant material.

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 4kVAC 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
  - Two versions available – can be used with any V-Watch models, old or new
    - New C-10FR carrying case lanyard – high-visibility safety green shielded material with an outer layer of flame resistant material
    - C-10 carrying case lanyard – black shielded material
  - Electrically shielded
  - Storage case when the V-Watch is not in use
  - Lanyard allows user to adjust to optimum mid-torso position

C-10FR CARRYING CASE LANYARD

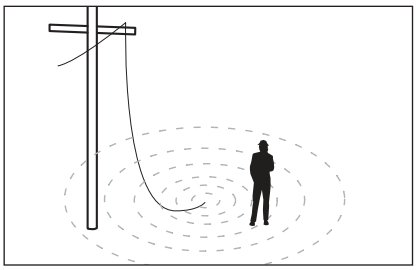
V-WATCH PRO

C-10 CARRYING CASE LANYARD

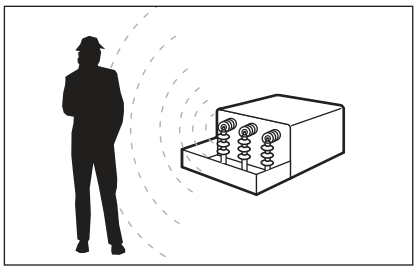
V-WATCH

V-WATCH®
PERSONAL VOLTAGE DETECTOR

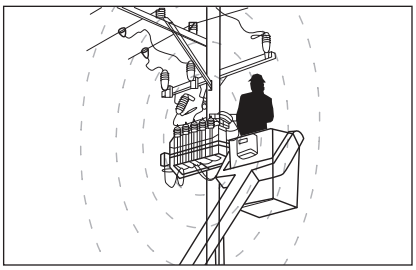
V-Watch Capabilities



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 line-to-ground.
- **Typical Warning Distance:** About 7 feet (2.13 m.) from a 4kV (2.4kV line-to-ground) AC conductor.
- **Operating Temperature:** -20˚ to +120˚F (-29˚ to 49˚C)
- **Operating Frequency:** 50Hz/60Hz
- **Battery:** 9V alkaline 1604A, IEC 6LR61. Life is 2 years in storage, 1 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 line-to-ground and above

Ordering Information

MODEL	DESCRIPTION
VW-20HFR	V-Watch Personal Voltage Detector with new C-10FR Flame Resistant Carrying Case Lanyard in high-visibility safety green color
VW-20HFR-K	V-Watch Kit includes VW-20HFR with C-10FR and VW-K-BAG
VWP-20HFR	V-Watch Pro Personal Voltage Detector with mute button and new C-10FR Flame Resistant Carrying Case Lanyard in high-visibility safety green color
VWP-20HFR-K	V-Watch Pro Kit includes VWP-20HFR with C-10FR and VW-K-BAG
VW-20H	V-Watch Personal Voltage Detector with C-10 Carrying Case Lanyard
VW-20H-K	V-Watch Kit includes VW-20H with C-10 and VW-K-BAG
VWP-20H	V-Watch Pro Personal Voltage Detector with mute button and C-10 Carrying Case Lanyard
VWP-20H-K	V-Watch Pro Kit includes VWP-20H with C-10 and VW-K-BAG
C-10FRVW	Shielded, flame resistant carrying case lanyard in high-visibility safety green color with built-in lanyard; includes instruction card for VW-20
C-10FRVWP	Shielded, flame resistant carrying case lanyard in high-visibility safety green color with built-in lanyard; includes instruction card for VWP-20
C-10VW	Shielded carrying case lanyard in black color with built-in lanyard; includes instruction card for VW-20
C-10VWP	Shielded carrying case lanyard in black color with built-in lanyard; includes instruction card for VWP-20
VW-K-BAG	Zippered carrying bag holds V-Watch unit, carrying case lanyard and instruction manual

For more information, visit 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. 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 2013 • Bulletin No. VW-500c

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