



# V-WATCH®

PERSONAL VOLTAGE DETECTOR



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

The next generation V-Watch Personal Voltage Detector provides an extra level of safety by detecting and alerting you to the presence of electrical fields or energized electrical equipment.

### The all new V-Watch Detector design features:

- A loud alarm and bright flashing lights that are both directed upwards toward the user for high awareness and visibility
- A slim housing with built in lanyard, offering a compact and lightweight solution
- Automatic self-test when the unit is activated for detection of voltage
- Rugged design protects against environmental extremes such as water, dust and temperature



**HDE** HD ELECTRIC COMPANY



# V-WATCH<sup>®</sup>

## PERSONAL VOLTAGE DETECTOR

With a warning distance of 7 feet at 4kV, the V-Watch Detector is worn around the front of the body and is ideal for line crews, storm restoration workers and first responders seeking an extra layer of protection against unknown voltage sources.

- Alerts user to the proximity of high voltage with a loud alarm and bright lights
- Provides another level of safety for line crews, storm restoration workers and first responders
- Frequency of alarm increases as the user gets closer to the electrical hazard
- Typical initial warning distance is about 7 feet (2.13 m) from a 4kVAC conductor and warning distance increases with higher voltages
- Lightweight detector with a rugged protective housing
- Built-in self test
- Low battery indicator; uses 3 field replaceable AAA batteries in a sealed compartment

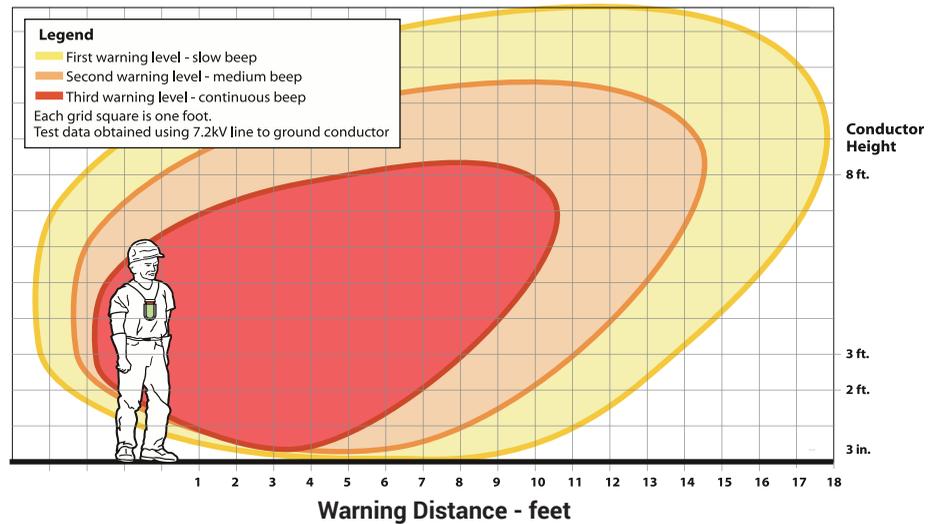
### ORDERING INFORMATION

<b>VWS-20</b>	V-Watch Personal Voltage Detector with (VW-S-BAG) Padded Carrying Bag
<b>VW-S-BAG</b>	Replacement Padded Carrying Bag with Drawstring for V-Watch Personal Voltage Detector



The spring mounted push/pull mechanism activates the V-Watch detector and performs a self test before each use

VWS-20



### SPECIFICATIONS

<b>MODEL NUMBER</b>	VWS-20
<b>VOLTAGE RANGE</b>	2400VAC and above Will only detect AC voltage. Do not use below 2400 volts line-to-ground
<b>TYPICAL WARNING DISTANCE</b>	About 7 ft (2.13 m) from a 4kV (2.4kV line-to-ground) AC conductor (see manual for details)
<b>OPERATING FREQUENCY</b>	50/60 Hz
<b>WEIGHT W/BATTERIES</b>	7.97 oz (226g)
<b>BEEPER SOUND PRESSURE LEVEL</b>	100 db
<b>BATTERY</b>	3 AAA alkaline or lithium
<b>BATTERY LIFE</b>	Life two years in storage, six months of continuous use
<b>OPERATING TEMPERATURE RANGE</b>	-20°F to +120°F (-29°C to +49°C)
<b>DIMENSIONS</b>	Closed: 5.53" x 3.54" x 1.42" (14.0cm x 9.0cm x 3.6cm) Open: 6.29" x 3.54" x 1.42" (15.9cm x 9.0cm x 3.6cm)



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MA6685