Etison Technologies BreezeSonic is the world’s first self-powered audible alarm anemometer. By virtue of its internal self-contained generator no batteries are necessary. If the wind is blowing and exceeds 25 mph (8.9 m/s) a 2.9 KHz, 92 dB audible alarm warns of unsafe wind conditions. The internal generator provides all necessary power. No on/off switch. Never a dead battery to replace.

TECHNICAL SPECIFICATIONS:

Weight: 10 oz.
Mounting: 13 mm (0.5 in) diameter mast with cotter pin and mast set screw.
Overall height – 20.3 cm (8.0)
Main housing diameter – 6.1 cm (2.39 in)
Power Requirements: None, self powered
Conical cups measure 63.5 mm (2.5 inches) in diameter
Rotor diameter is 203 mm (8.0 inches)
Fully hardened beryllium-copper shaft running in self-lubricating modified fluoropolymer bearings
Rated bearing PV (pressure-velocity) factor is 20,000 – At 15 mph PV is approx. 500. – At 100 mph PV is approx. 2,000.
Accuracy: within ±0.5 m/s (±1 mph) for the range 5 m/s to 25 m/s (11 mph to 55 mph)
Alarm/Control: Set at factory to 25 MPH (11.2 m/s), customization upon request
Alarm Output: Frequency: 2900 ± 250 Hz
Typical Sound Pressure Minimum 92 ± 5 dB(A) at 2 feet (61 cm)