VEX-WP SERIES

Weatherproof Thermoplastic LED Exit Sign

The VEX-WP is an exceptional blend of style and economy for any outdoor application. A fully-gasketed lens and housing enable the VEX-WP to perform well in Wet Location installations.

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

FEATURES

- Ideal for Wet Location applications in extreme conditions
- UV-stabilized, rugged injection-molded, UL 94 5VA flame-retardant, high-temperature polycarbonate housing
- Impact-resistant, polycarbonate shield offers extreme protection
- One piece molded weatherproof silicone gasket
- Charge rate/power “ON” LED indicator light with test button
- UL 924 Listed for cold locations ranging from -20°C to 50°C (-4°F to 122°F)
- Low voltage disconnect eliminates deep discharge (G2 only)
- Brownout (G2 only)
- Short circuit protection
- Maintenance-free NiCad battery
- Ceiling, wall or end mount
- Constant, uniform illumination by long-life, high-intensity red or green LEDs
- Universal J-box mounting system
- Fully illuminated 6” characters with 3/4” stroke
- Optional Guardian Self-test/Self-diagnostics (G2) available
- Field-selectable directional chevron knockouts
- 120/277VAC Dual primary, 60Hz input
- Standard finishes: Black, Gray or White
- Consult factory for alternative Specialty Signage
- UL Listed 90 minute emergency run time, 24 hour recharge time
- California Energy Commission (CEC) compliant

WARRANTY

Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information.

ORDERING INFORMATION Example: VEX-WP-1-WB-WH-G2

Series	**Style**	**Power Source**	**Finish**	**Options** (Factory Installed)	**Accessories**[3] (Field Installed)
GVEX-WP = Green	1 = Single-face	LB = AC Only	BL = Black	2CI[1] = 2 Circuit Input	TRHT-8H-10H = Tamper-Resistant Tool
VEX-WP = Red	2 = Double-face	WB = With Battery	GR = Gray	G2[2] = Self-test/Self-diagnostics	VEX-WP-TRH = Tamper-Resistant Hardware
			WH = White		

Notes

[1] Not available with WB option

[2] Not available with LB option

[3] Order as separate line item

Note: See Specialty Signage specification for custom/alternate legends

CONSTRUCTION
Rugged, injection-molded UL 94 5VA flame-retardant, high-temperature polycarbonate housing is available in black, gray or white with impact-resistant polycarbonate lens. Universal knockouts on backplate for wall mount and polycarbonate canopy included for top or end mounting.

ILLUMINATION
Illumination of the VEX-WP Series is achieved with ultrabright, energy-efficient, long-lasting green or red LEDs provide reliable uniform illumination. LEDs provide excellent illumination while maximizing energy efficiency. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

ELECTRICAL
Input
Dual-voltage input 120 or 277VAC @ 60Hz

Nickel Cadmium Battery - NiCad (With Battery Only)
Exitronix sealed nickel cadmium batteries are maintenance-free and perform optimally in temperatures ranging from 0°C to 40°C (32°F to 104°F).

Brownout Circuit (G2 only)
Brownout circuit monitors the line voltage, as the line voltage sags and can no longer illuminate the exit sign to meet UL 924 visibility test. The emergency circuit will turn on to supply a portion or all the power to illuminate the sign for a minimum of 90 minutes until the line voltage is restored.

Low Voltage Disconnect (G2 only)
When the battery's terminal voltage falls below predetermined levels, the low voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

Solid-State Transfer
The circuit features Solid-state switching for emergency lamps, eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

Overload and Short Circuit Protection
The overload monitoring system is a Solid-state circuit which monitors the lamp load and disconnects from the battery shall an overload or short circuit occur. The overload current protection eliminates the need for fuses or circuit breakers for the DC load.

Test Button
The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

INSTALLATION
Simple snap-together universal design allows for faceplate and backplate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

Wet Location Rated (Standard)
Wet Location Rated fixture that allows water or other liquids to drip, splash or flow on or against. The construction prevents the accumulation of water on live parts.

Cold Location Rated (Standard)
The VEX-WP is Cold Location Rated and is suitable for temperature ranges from -20°C to 50°C (-4°F to 122°F). This is ideal for colder climates or freezer/cold room applications.

OPTIONS
Guardian Self-test/Self-diagnostics (Option: G2)
The Guardian circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

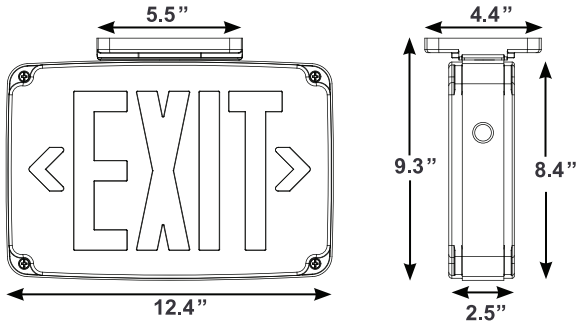
The Guardian circuit also monitors the transfer circuit as well as performing automatic code compliant testing. The Guardian circuit will perform a 30 second discharge and self-test every 28-30 days. A 90 minute discharge and self-test is performed every six months.

Two-Circuit Operation (Option: 2CI)
Two-circuit input allows for a primary and auxiliary power source to be connected to the emergency unit that does not contain a battery. Applications include those with inverters or alternate backup power sources.

Tamper-Resistant Hardware (Accessory: TRH)
Tamper-resistant hardware adds an additional layer of protection to the unit, preventing unwanted access to the interior of the unit or removal of the face plates. Order as separate line item.

Specialty Signage
For custom/alternate legends, see our Specialty Signage specifications.

CONFORMANCE TO CODES & STANDARDS
The VEX-WP Series is UL Listed and meets or exceeds the following: UL 924, CEC, NEC requirements and NFPA 101.

DIMENSIONS


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