

The Champion Exit Extreme series is the ideal solution for any harsh or hazardous environment with its durable, corrosion resistant, NEMA 4X, fiberglass housing. The CP-EX is purpose designed for environments such as petrochemical, oil & gas production and waste water treatment plants. The added durability of the fiberglass housing combined with the optional tamper resistant hardware also makes this exit the optimal solution for areas subject to vandalism.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

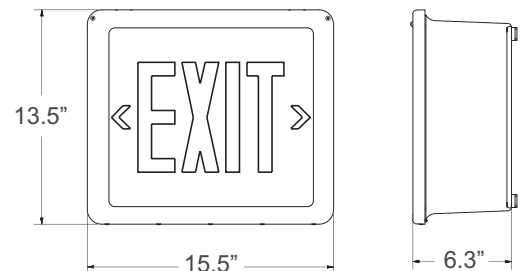
**FEATURES AND BENEFITS**

- Hazardous Location exit rated for: Class I Division 2, Groups A, B, C & D – T2B area classification
- Suitable for Class 1, Zone 2, IIA, IIB & IIC. T1 & T2 area classifications
- Optional Guardian Self-Test/ Self-Diagnostics (G2) available
- Field selectable directional chevron knockouts
- Buy American Act (BAA) compliant



**SPECIFICATIONS**

- Illumination:** Constant, uniform illumination by long-life, high intensity LEDs
- Housing:** Durable fiberglass NEMA 4X rated housing with integrated stainless steel mounting feet, stainless steel breather provides safe and effective unit ventilation
- Input:** 120/277VAC Dual primary, 60Hz input
- Battery:** Maintenance-free NiCad battery
- Run Time:** 90 minute emergency run time, 24 hour recharge time
- Electrical:** Low voltage disconnect eliminates deep discharge, brownout protection
- Legend:** Fully-illuminated 6" characters with 3/4" stroke, field selectable directional chevrons included for all configurations
- Mounting:** Four stainless steel mounting feet ensure a safe, durable surface wall mount installation
- Finishes:** Gray housing with white face
- Certifications:** Meets or exceeds the following: UL 924, CSA C860, NEC requirements, and NFPA 101
- Warranty:** Any component that fails due to manufacturers defect is guaranteed for 5 years with a separate 5 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. (Terms and Conditions Apply)



**ORDERING INFORMATION Example:** CP-EX-WB-GR-G2

Series	Power Source	Finish	Options (Factory Installed)
CP-EX = Red EXIT	LB = AC Only	GR = Gray Housing/White Face	2CI <sup>1</sup> = 120/277 Two Circuit Input
GCP-EX = Green EXIT	WB = NiCad Battery		FL = Flasher
			G2 <sup>2</sup> = Self-test/Self-diagnostics
			TF = Extended Run Time (120 Min)
			TRH = Tamper Resistant Hardware
<b>Notes</b>			
<sup>1</sup> Only available with LB power source			
<sup>2</sup> Only available with WB power source			

**CONSTRUCTION**

The Champion Exit Extreme is constructed from durable, corrosion resistant fiberglass. The NEMA 4X rated housing is fully gasketed for harsh and hazardous locations. The front access panel/door is hinged for trouble-free installation and maintenance. The Champion EX features a stainless steel breather valve that provides efficient ventilation. The Exit face utilizes a top grade clear polycarbonate and has field removable chevrons.

**ILLUMINATION**

**Exit Face**

Stencil letters are 6" high with 3/4" stroke and are illuminated with high-intensity, long-life LEDs exceeding UL 924 requirements for brightness and uniformity. LEDs provide excellent illumination while maximizing energy efficiency, using a maximum of only 2 watts. 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**

Exitronix nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 0-40°C.

**Emergency (Power Source: WB)**

The Champion EX will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

**Brownout Circuit**

Brownout circuit monitors the line voltage, as the line voltage sags and can no longer illuminate the exit sign to meet UL924 visibility test, the emergency circuit will turn on to supply a portion or all the power to illuminate the sign for a minimum of 90mins until the line voltage is restored.

**Low Voltage Disconnect**

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 voltage after charging.

**Test Button**

Our easily located test button allows for manual verification of proper operation of the transfer circuit and emergency operation.

**INSTALLATION**

Internally housed components and battery eliminate the risk of damage during installation. Four stainless steel mounting feet ensure a safe, durable surface wall mount installation.

**Class I Division 2 (Standard)**

A location (1) in which volatile flammable liquids or flammable gases are handled, processed, or used, but in which the liquids, vapors or gases will normally be confined within closed containers or closed systems from which they can escape only in case of accidental rupture or breakdown of such containers or system, or in case of abnormal operation of equipments; or (2) in which ignitable concentrations of gases or vapors are normally prevented by positive mechanical ventilation and which might become hazardous through failure or abnormal operation of the ventilation equipments; or (3) that is adjacent to a Class I Division 1 location and to which ignitable concentration of gases or vapors might occasionally be communicated unless such communication is prevented by adequate positive pressure ventilation from a source of clean air and effective safeguards against ventilation failure are provided.

**Class I and Class II Groups**

Groups A, B, C & D applications are atmospheres typically containing acetylene, hydrogen, manufactured gas, diethyl ether, ethylene, cyclopropane, gasoline, hexane, butane, naphtha, propane, acetone, toluene, and isoprene.

**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 5 minute discharge and self-test monthly. Every 6 months, two 90 minute discharge tests are performed 24 hours apart. This tests both the battery capacity and recharge capability. The status of the Champion Exit Extreme is communicated clearly with a single, multi-color LED indicator.

**Tamper Resistant Hardware (Option: 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.

**CONFORMANCE TO CODES & STANDARDS**

The Champion Exit Extreme meets or exceeds the following: UL 924, CSA C860, NEC requirements, and NFPA 101.