

CP-EX SERIES

CLASS 1 DIVISION 2 HAZARDOUS LOCATION LED EXIT SIGN

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.

FEATURES

- 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
- Durable fiberglass NEMA 4X rated housing with integrated stainless steel mounting feet
- Stainless Steel breather to provide safe and effective unit ventilation
- CSA listed to 90 minutes for emergency with a 24 hour re-charge time
- Fully illuminated 6" characters with 3/4" stroke
- Illuminated by high-intensity, long life LEDs
- Optional Guardian Self-Test/ Self-Diagnostics (G2) available
- Field selectable directional chevron knockouts
- 120/277 volt, 60HZ input standard
- Standard finish: Gray Housing and White Face
- Available in a single face exit configuration only
- Compliant with Buy America requirements



WARRANTY

Any component that fails due to manufacturers defect is guaranteed for 5 years with a separate 5 year pro-rated 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: CP-EX-WB-GR-G2

Series	Power Source	Finish	Options (Factory Installed)
CP-EX = Red EXIT	LB = AC Only	GR = Gray Housing/White Face	2C1 ¹ = 120/277 Two Circuit Input
GCP-EX = Green EXIT	WB = NiCad Battery		FL = Flasher
			G2 = Self-Test/Self-Diagnostics
			TF = Extended Run Time (120 Min)
			TRH = Tamper Resistant Hardware
			WG = Wire Guard

Notes

¹ Only available with LB power source option

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

Extronix 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.

MADE IN THE USA

Made in the U.S.A. and is in full compliance with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions.

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.

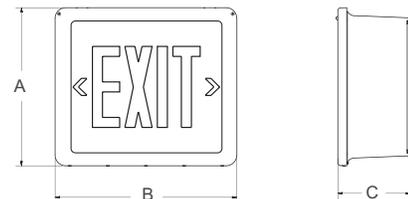
Tamper Resistant Hardware (Option: TRH)

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 is CSA listed and meets or exceeds the following: UL 924, CSA C860, NEC requirements, and NFPA 101.

DIMENSIONS



Series	A	B	C
CP-EX	13.5"	15.5"	6.25"