

The 700E Series EXIT features high intensity red or green LEDs providing bright and uniform illumination, while offering durability and strength in a 20 gauge steel enclosure.

FEATURES

- Full enclosure constructed of rugged 20 gauge steel
- Custom legends available
- Low voltage disconnect eliminates deep discharge
- Brown-out, short circuit and voltage surge protection
- Overcharge protection
- Combination exit/ emergency light option available (REN2)
- Flasher/ buzzer (FB) option to meet ADA regulations
- Maintenance-free NiCad (standard), NiMH (G2) and SLA (REN2) batteries
- Ceiling, wall or end mount
- Constant, uniform illumination by long-life, high intensity, red or green LEDs
- Fully-illuminated 6" characters with 3/4" stroke
- Optional Guardian Self-Test/ Self-Diagnostics (G2) available
- Field selectable directional chevron knockouts
- 120/277V dual primary, 60Hz input
- Standard finishes: Black or White
- Assembled in the U.S.A.

WARRANTY

Any component that fails due to manufacturers defect is guaranteed for 25 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.

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



Custom legends available



ORDERING INFORMATION Example: 702E-WB-BL-G2

Series	Power Source	Finish	Options (Factory Installed)	Combo Option
702E = Red Single Face	LB = AC Only	WH = White	G2 ¹ = Self-Test/Self-Diagnostics	REN2 ^{4,5,6} = (2) 3.6W LED Lamps, PAR 36
703E = Red Double Face	WB = NiCad Battery (std.)	BL = Black	DL = LED Down Light	
G702E = Green Single Face			FB ² = Flasher & Buzzer	Accessories⁷ (Field Installed)
G703E = Green Double Face			DR = Damp Location Rated	ER1-KIT = 1' Pendant Mount Kit
			SS ³ = Specialty Signs	ER2-KIT = 2' Pendant Mount Kit
				WG-1 = Wire Guard (Back Mount)
				WG-2 = Wire Guard (End Mount)
				WG-3 = Wire Guard (Ceiling Mount)
				WG-5 = Wire Guard EL w/Side Lamps (Back Mount)
				WG-6 = Wire Guard EL w/Top Lamps (Back Mount)
				XG-1 = Poly Guard (Back Mount)
				XG-3 = Poly Guard (Ceiling Mount)
				XG-EL90 = Poly Guard EL w/Side Lamps (Back Mount)
				XG-6 = Poly Guard EL w/Top Lamps (Back Mount)

Notes

- ¹ G2 comes standard with NiMH batteries, not available with NiCad
- ² Options cannot be combined with other options
- ³ Consult factory for alternate legends
- ⁴ REN2 only available on WB units, utilizes a sealed lead acid battery
- ⁵ REN2 not available with DL or FB options
- ⁶ G2 option required for REN2 combo option
- ⁷ Order as separate line item

CONSTRUCTION

Our specification grade 700E series enclosure, cover, face plate, and mounting canopy are 20 gauge galvanized steel with baked-on, powder coated paint. Face plate stencil letters are 6" high with 3/4" stroke with red or green LEDs.

ILLUMINATION

Illumination of the 700E series is accomplished utilizing high-intensity, long-life LEDs exceeding UL 924 requirements for brightness and uniformity. LEDs are a maintenance-free solution, providing up to 100,000 hours of use without failure.

COMBO OPTION - (Option: REN2)

Emergency lights are field-selectable for top or side mounting. The 700E series is RENEGADE compatible - 3.6W LED per PAR36 style head.

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 32°F - 104°F (0°C - 40°C).

Sealed Lead Acid Battery - SLA (REN2 Option Only)

Exitronix sealed lead acid batteries are maintenance-free with a life expectancy of 5 years. Lead Acid batteries perform optimally in temperatures ranging from 59°F - 104°F (15°C - 40°C).

Nickel-Metal Hydride - NiMH (G2 Option Only)

Exitronix NiMH batteries are maintenance-free with a life expectancy of 15 years. NiMH batteries perform optimally in temperatures ranging from 32°F to 104°F (0°C to 40°C).

Emergency

The 700E series exit 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

Low Voltage Disconnect (LVD) measures the battery terminal voltage. The LVD continuously monitors the battery terminal voltage and if it should fall below a preset voltage threshold, the LVD will disconnect the load. When the battery is recharging and voltage is raised above another preset voltage threshold, the load is automatically reconnected.

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

Installs in minutes with easy-to-read instructions and detailed diagrams. No special hardware or tools necessary.

Assembled in the U.S.A. (Standard)

Assembled 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.

Damp Location Rated - (Option: DR)

Damp location rated fixture that is normally or periodically subject to condensation of moisture in, on or adjacent to, and includes partially protected locations.

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 6 months.

Flasher & Buzzer –(Option: FB)

When normal power is lost and the emergency unit goes into back up power mode, this unit will flash on and off while buzzing – providing a highly visual and audible signal as to emergency status.

Custom and Specialty Legends - (Option: SS)

Exitronix offers a variety of standard specialty signs designed to provide directional or safety information in applications where clear and accurate delivery of information is required.

Examples of specialty legends include:

- "X-RAY IN USE"
- Restroom Signage
- "NO SMOKING"
- "AREA OF RESCUE ASSISTANCE" with modified accessibility symbol
- "ON THE AIR"
- "DO NOT ENTER"
- "OCCUPIED"

Custom Legends are also available – please call factory for details with questions.

DIMENSIONS

