

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.

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

FEATURES & BENEFITS

- Enclosure constructed of rugged 20 gauge steel
- Optional Guardian Self-test/Self-diagnostics (G2) available
- Field-selectable directional chevron knockouts
- Consult factory for alternative Specialty Signage
- Assembled in the USA with global components

AVAILABLE WHILE SUPPLIES LAST

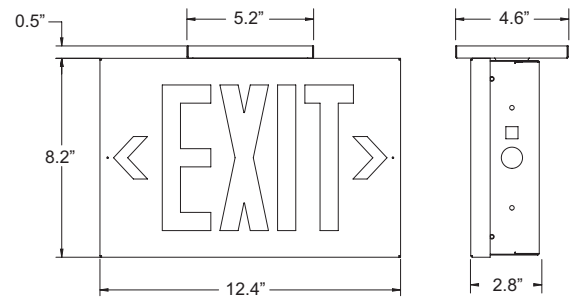


SPECIFICATIONS

Illumination: Long-life, high-intensity, red or green LEDs.
Housing: Rugged 20 gauge steel housing
Input: 120/277VAC dual primary, 60Hz
Battery: Maintenance-free NiCad battery (standard) or NiMH battery (G2)
Run Time: 90 minute emergency run time, 24 hour recharge time
Electrical: Low voltage disconnect eliminates deep discharge, brownout, short circuit and voltage surge protection
Legend: Fully-illuminated 6" characters with 3/4" stroke and field-selectable directional chevrons
Mounting: Ceiling, end or wall mounted, canopy included
Finishes: Black or White
Options: G2 = Self-test/Self-diagnostics
Certifications: Meets or exceeds the following: UL 924, NEC requirements and NFPA 101
Warranty: Any component that fails due to a manufacturing defect is guaranteed for 25 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. (Terms and Conditions apply)



Custom legends available



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

Series	Power Source	Finish	Options (Factory Installed)	Accessories ² (Field Installed)
702E = Red Single-face	LB = AC Only	WH = White	G2 ¹ = Self-Test/Self-Diagnostics	ER1-KIT = 1' Pendant Mount Kit
G702E = Green Single-face	WB = NiCad Battery (std.)	BL = Black		ER2-KIT = 2' Pendant Mount Kit
				WG-S = Wire Guard (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)
			Note: See Specialty Signage specification for custom/alternate legends See Social Distance Signage specification for social distancing legends	
Notes				
¹ G2 comes standard with NiMH batteries, not available with NiCad				
² Order as separate line item				

CONSTRUCTION

Our specification grade 700E series enclosure, cover, faceplate, and mounting canopy are 20 gauge galvanized steel with baked-on, powder coated paint. Faceplate 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.

ELECTRICAL

Input

Dual-voltage input 120 or 277VAC @ 60Hz

Nickel Cadmium Battery - NiCad

Exitronix nickel cadmium batteries are maintenance-free.

Nickel-Metal Hydride - NiMH (G2 Option Only)

Exitronix NiMH batteries are maintenance-free.

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.

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 6 months.

Specialty Signage

For custom/alternate legends, see our [Specialty Signage](#) specifications.

Social Distancing Signage

For social distancing legends, see our [Social Distancing Signage](#) specifications.

CONFORMANCE TO CODES & STANDARDS

The 700E Series meets or exceeds the following: UL 924, NEC requirements and NFPA 101.