



SERIES XL



NEW
NICKEL-METAL-HYDRIDE BATTERY
 Lead-free, Cadmium-free
 Environmentally-friendly

Galaxy
 SERIES

TYPE: _____
 CATALOGUE #: _____
 NOTES: _____

Extra-Capacity Die-Cast Exit Signs Designed to Drive Remote Emergency Units



Diagnostic/Self Test Feature (optional) The diagnostic/self test feature continuously monitors the charger assembly, battery, LED assembly current, and remote load (if connected). If a fault is detected, visual, LED indicators illuminate, eliminating the need to isolate the fault by troubleshooting. An audible alarm indicator is optional. The self-test circuitry meets the periodic testing requirements of NFPA 101, Life Safety code.

Features

- **RELIABILITY:**
The Series XL Galaxy comes complete with a 5-year full warranty.
- **UNIT DATA**
Housing:
Constructed of die cast Aluminum, each XL Galaxy remote capable Exit sign comes standard with a power canopy that houses the battery, input transformer and printed circuit board. The standard unit color is a black frame with a brushed aluminum face, although optional colors are available to suit any décor. Specify single or double face as required.
- **MOUNTING:**
Exit signs may be ceiling, end, or back mounted (single-face exit only) to the power canopy. The power canopy surface mounts directly to the junction box. (supplied by others).
- **LIGHT SOURCE:**
Long-life, high performance, low power consumption, Red LEDs of ALINGAP technology, provide an even illumination in the normal and emergency modes.
- **BATTERY:**
Sealed, maintenance-free 6V battery: Lead-Calcium or Nickel-Metal Hydride.

- **CHARGER:**
Micro-controller based circuit monitors the battery voltage and adjusts the charge current to keep the battery fully charged and ready for operation. The circuitry contains standard features like thermal voltage compensation. Optional, Improved-diagnostic circuitry, will continuously monitor the equipment performance (battery, Exit, LEDs, remote load, charger circuitry) and will signal a service alarm in case of malfunction. The system will self-test for one minute every 30 days, 30 minutes in the 6th month and 90 minutes in the 12th month.

- **ELECTRICAL**
Power requirements
Input = 120/277Vac, 60hz, 0.06/ 0.03 amp. Max.
Output: 6Vdc, 9W/12W/24W

- ***Unit Warranty**
Entire unit carries a five-year Full Warranty.
- ***Battery Warranty**
Sealed Lead Calcium: 8-years life expectancy. 3 year full and 3 year pro-rata.
Sealed NIMH: 10 years life expectancy. 5 year full and 5 year pro-rata.
Subject to proper installation and maintenance.

Options

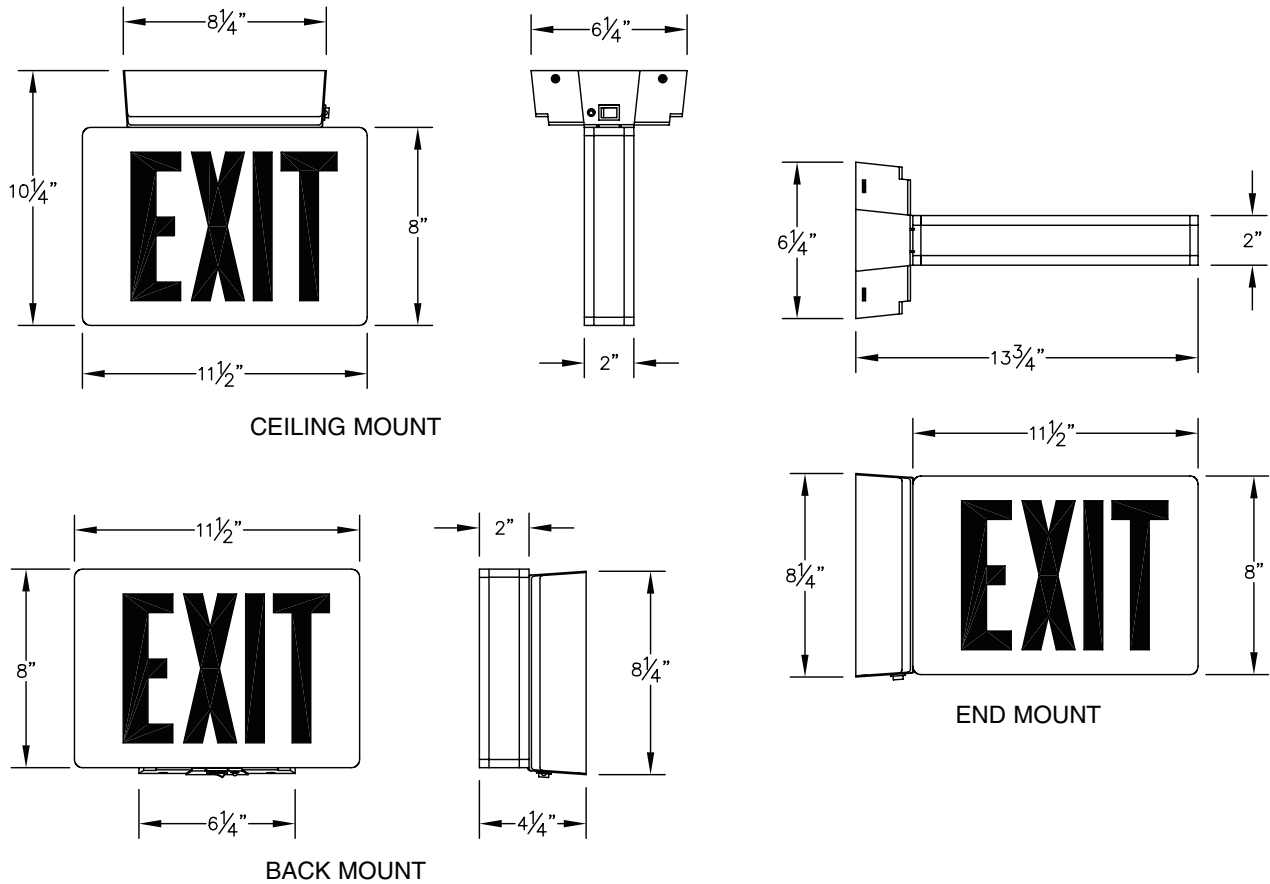
Description	Suffix
Improved diagnostics	-ID
Improved diagnostics, non-audible	-IDNA
Time delay (specify 5, 10 or 15 minutes)	-TD
Flasher - buzzer (emergency mode operation)	-FB
Fire alarm activated flasher (self-powered model only)	-FAF
Damp location listed	-DL
Vandal resistant screws	-VR
Vandal resistant shield and screws	-LVR

Ordering Information

Example: SLEDWRWDCR

Series	Battery Type	Housing Colors	Letter/Stencil Colors	Option
XL= single face	PCL= sealed lead calcium, 6V 9W	B= black	RB= red/black	ID= improved diagnostic
2XL= double face	PCN= sealed nickel metal hydride, 6V 12W	W= white	GB= green/black	
	PCX= sealed nickel metal hydride, 6V 24W	A= brushed aluminum	RW= red/white	
			GW= green/white	
			RA= red/brushed aluminum	
			GA= green/brushed aluminum	

Specifications For Series XL



Suggested specification

Housing: Exit frame, back plate, faceplate and mounting canopy shall be of die cast Aluminum construction. The exit sign shall have concealed knockouts for programmable directional chevrons. The canopy shall include the AC transformer, the charger circuitry and the sealed battery used to power the exit sign and the remote load.

Light sources: Shall be long life light emitting diodes (LED), Red LEDs shall be of ALINGAP technology. LED lamps shall provide 100% illumination in normal and emergency operation. A color rich diffuser shall be mounted in front of the LEDs to provide the legend. The unit shall provide 90 minutes of battery powered emergency illumination.

Charger: Shall be fully automatic, micro controller based.

Batteries: Shall be completely sealed, maintenance-free, cadmium-free superior performance and long life. Circuitry: Shall include a LED pilot light and test switch. A filtered and regulated power supply shall protect the LEDs from typical power surges. All models shall be 120/277 Vac dual voltage.

Supply and install **Lightalarms**

Series XL Galaxy _____ exit signs with extra capacity.

Signs shall be Listed to UL 924 Standards.



Thomas&Betts