

# Economizer & Revelation Series



 EMERGI-LITE



# NYC Approved Economizer Exit/Combo Units



## Industrial/Commercial Unit Equipment Combination 6-Volt Emergency Light and 8in. Exit Sign

The Economizer series was designed and manufactured specifically to meet New York City's local code requirements for places of public assembly. This series combines 6-volt, 2- or 3-head emergency lighting with an 8-inch, self-powered exit sign in one compact easy-to-install unit. Also available - an 8-inch steel exit either self-powered or AC only.

### Listed to UL 924 Standards

Complies with NEC, Life Safety Code and OSHA.

### Light Source

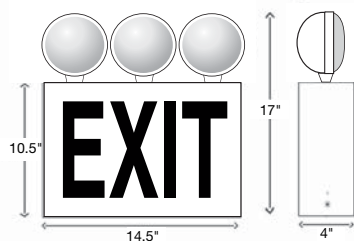
- Incandescent (Remotes)
- LED Exit - Long Life Energy Saving LEDs.

### Sealed Maintenance-Free Batteries

- Lead Calcium (Combo)
- Nickel Cadmium (Exit)

### Dimensions

Dimensions are approximate and subject to change.



W8NY - 2/3



W8NY  
W8NY-N

### Unit Selection Chart

Catalog #	Color	Series	Stencil
W8NYR	White	8" Exit AC only	Red
W8NY-N-R	White	8" Exit Self-Powered	Red
W8NY-2/3R	White	8" Combo 3 Heads (12 Watts)	Red



### Standard Features

- **Reliability:**  
The Economizer Series has a three-year full warranty (excluding lamps and pilot lights).
- **Housing:**
  - > Power unit has heavy duty steel case with white powder-coat finish.
  - > Exit sign has a white powder-coat finish. Stencil face has 8 in. high letters and universal knock out chevrons.
  - > Exit sign can be either back or end mounted to power unit - all hardware is included. Exit comes with a universal face.
- **Electrical:**
  - > 120V/277V Operation standard





# EMERGI-LITE NYC Approved Economizer Series Units

## 6- and 12- Volt Steel Enclosure

This series is offered where an attractive conventional emergency lighting unit is required.

## Fully Automated and Easy to Install

## Listed to UL 924 Standards

Complies with NEC, Life Safety Code and OSHA.

## Sealed Maintenance-Free Batteries

- Lead Calcium

### Unit Rating Chart

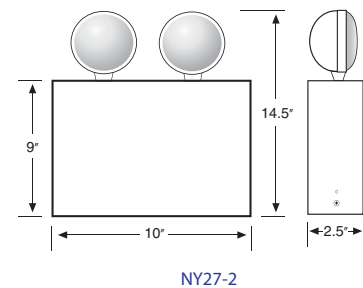
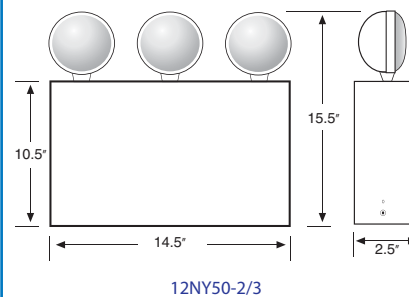
Sealed Maintenance-Free Battery Types	D.C. Volt	*Watts to 87-½% of rated battery voltage
		1-½ hrs.
Lead Calcium	6V	18
	12V	50

### Standard Features

- **Reliability:**  
This series comes complete with a 3-year full warranty (excluding lamps and fuses).
- **Unit Data:**  
Constructed of 20 guage heavy-duty steel and a durable white powder-coat finish. The 12V unit is furnished with 3 (12W) EF18 heads and the 6V unit is furnished with 2 (9W) EF18 heads.
- **Electrical:**
  - > 120V/277V Input standard
  - > Low voltage disconnect
  - > Brownout protection standard

### Dimensions

Dimensions are approximate and subject to change.



### Unit Selection Chart

Catalog #	Voltage	No. of Heads	Capacity	Color
NY18-2	6V	2x9W Lamps	18W	White
12NY50-2/3	12V	3x12W Lamps	50W	White



# NYC Approved Prestige Economizer Exit Unit

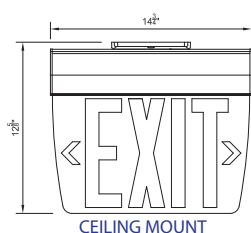


## Slim Profile Surface Mount LED Edge-Lit Exit Sign For Recessed Mount, please consult the factory Available in Extruded Aluminum or Off-White Finishes

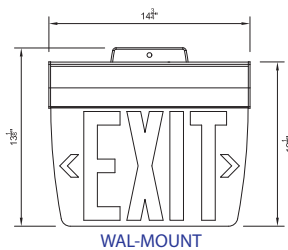
The Emergi-lite Prestige Economizer Series combines a slim, modular design with state of the art technology and ease of installation including field installed directional arrows. Elegant and Economical, these exit signs complement any interior design while providing mounting versatility and energy efficiency. With the look of the Exit sign and the Simplified installation this product will be the favorite at both the Specification and Contractor level.

### Dimensions

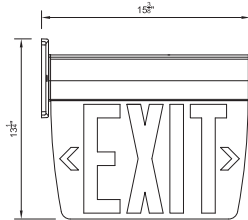
Dimensions are approximate and subject to change.



CEILING MOUNT



WAL-MOUNT



END-MOUNT

Model	AC Specs	
AC-only	120 to 277Vac	Less than 2 W
Self-powered	120 to 277Vac	Less than 3 W

### Unit Selection Chart (Surface Mount Series)

TA	PE	1	RC	8
Housing Color	Series	Face	Legend Color*	Panel Size
TA = Textured Aluminum	PE = AC	1 = Single Face	RC** = Red on Clear	8* = 8 inch letters
OW = Off White	PES = AC/DC	2 = Double Face	RW = Red on White	
	PEN = Self-Powered		RM = Red on Mirror	

\* Available in red only  
\*\* Single face only

NOTE: For recessed mount please contact factory

### Standard Features

- Slim-profile extruded aluminum housing
- Slim-profile die-cast aluminum canopy
- Choice of finishes: textured aluminum or off-white
- Universal surface mounting: wall, ceiling or end mount
- Click-to-open housing door allows easy access to the panel and electrical wiring
- Acrylic panel with curved contour provides superior clarity and illumination
- Legend with red eight-inch letters, and easy to add field installed stick-on translucent directional arrows
- Choice of legend background: clear, white or mirror
- Simple, two-wire universal AC input (120V to 277Vac 60Hz) prevents installation errors
- Long-life LED light source of ALIN-GAP technology assures low maintenance costs and superior illumination
- Energy efficient power consumption: less than 3 Watts for self powered version and less than 2 Watts for AC only





# NYC Approved Revelation Series Unit

## NEW & Improved Design THE UNSEEN SOLUTION Virtually Invisible Emergency Lighting

The Revelation Series is architecturally designed for unobtrusive use in walls with cavity (dry wall with 4-inch studs) or un-insulated ceilings with horizontal beams or T-bar structures. In normal conditions (stand-by) the unit is completely concealed in the wall or ceiling. In case of power failure the door of the unit rotates open 180° and exposes the emergency lights (two high-efficiency MR16 lamps) to illuminate the path of egress.

Once AC power returns or at the end of discharge period, the lights turn off and the door rotates closed automatically, driven by a patent-pending, energy storage circuit. If needed the backbox can be shipped separately.

### Standard Features

- **Reliability:**  
Each unit is fully computer-tested and aligned mechanically for optimum operation. The electrical parts (motor, electronic circuitry) carry a five-year warranty.
- **Unit Data:**  
The normally exposed parts of the unit (flat door and frame) are covered with a high-quality, powder coated textured off-white finish, which integrates well with most wall and ceiling paints. The surface finish can also be customized on site with paint, wallpaper or other coverings. The self-powered unit is contained in a heavy-duty galvanized steel back-box, concealed in the wall or ceiling and includes a combined test switch and pilot light, accessible through the frame. Special bar hangers for installation in sheet rock or T-bar ceilings are included in the package. The module includes the electrical junction box and is installed on the wall stud or ceiling beam with the help of a simple, U-shape bracket. Each unit comes standard with two (2) MR-16 halogen lamps, of specified power ranging from 12W to 50Watts each.
- **Power Requirements:**  
120/277 Vac, 60 Hz, 0.25/0.12 Amps

### Unit Rating Chart

Sealed Maintenance-Free Battery Types	*Watts to 87-½% of rated battery voltage			
	1-½ hrs.	2 hrs.	4 hrs.	8 hrs.
RTM40, RTN40	40	30	24	-
RTM70, RTN70	70	50	40	24
RTM100, RTN100	100	70	50	40

### Unit Selection Chart

#### Retrofit Version

**Unit Capacity/Battery Type**  
**M40= 12V-40W Lead-Calcium**  
**N40= 12V-40W Nickel-Calcium**  
**H40= 12V-40W Nickel-Metal Hydride**



#### RT

**Series**  
RT=Revelation

#### M40

**Battery type/Capacity**  
**M40= 12V, 40 watts, Lead-Calcium**  
**M70= 12V, 70 watts, Lead-Calcium**  
**M100= 12V, 100 watts, Lead-Calcium**  
**N40= 12V, 40 watts, Nickel-Cadmium**  
**N70= 12V, 70 watts, Nickel-Cadmium**  
**N100\*= 12V, 100 watts, Nickel-Cadmium**

#### -2(12)

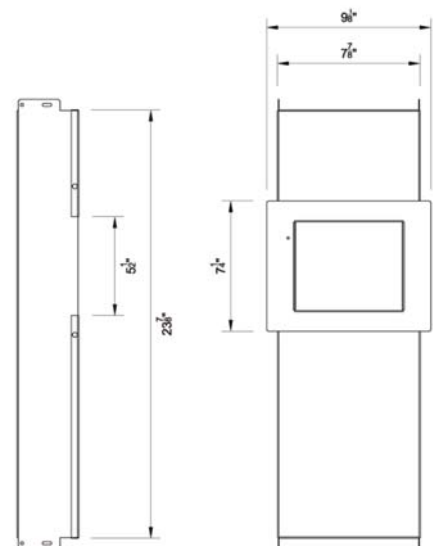
**Lamp Wattage**  
**-2(12)= 12 watts each head**  
**-2(20)= 20 watts each head**  
**-2(35)= 35 watts each head**  
**-2(50)= 50 watts each head**  
**-2(20H)= 20 watts, high lumen output**  
**-2(35H)= 35 watts, high lumen output**  
**-2(50H)= 50 watts, high lumen output**

#### -12

**Options**  
**AD= advanced diagnostic**  
**ADNA= advanced diagnostic, non-audible**  
**D1= time delay 5 min**  
**D2= time delay 10 min**  
**D3= time delay 15 min**  
**DL\*= damp location**  
**X= Backbox shipped separate**  
**#= See note below**  
**\*DL (Damp location) 70w max for Nickel-Cadmium 100W max Lead calcium batteries**

### Dimensions

Dimensions are approximate and subject to change.



\*Not suitable for Damp Locations







# Mini-Inverters

Emergi-Lite mini-inverters are designed to provide power to designated emergency lighting fixtures in a power loss situation.

## MI125 and MI375 Interruptible 125 Watt and 375 Watt Unit Equipment

The **MI125** and **MI375** are UL Listed stand-alone sine wave output inverters designed to provide power to designated emergency lighting fixtures. In a power loss situation, they will supply 125W or 375W of power from the onboard battery supply. The **MI125** and the **MI375** work in conjunction with incandescent, LED, and fluorescent lamp and fixture types and will automatically run switched, normally-on, or normally-off designated emergency fixtures. They are ideal for applications requiring an emergency source for lighting arrangements that utilize multiple lamp and fixture types.

The **MI125** is available in two mounting configurations (recessed wall or surface mount).

The **MI375** is available in a surface mount housing.

Both units come with a three-year warranty and seven-year pro-rata battery warranty.



## MI350 Uninterruptible 350 Watt Unit Equipment

The **Uninterruptible MI350** is a UL Listed stand-alone sine wave output inverter designed to provide power to designated emergency lighting fixtures. In a power loss situation, the MI350 will supply 350W of power from the onboard battery supply. The double-conversion design of the MI350 delivers power with no interruption to the load, allowing 'no-break' operation of HID, incandescent, LED, and fluorescent lamp and ballast combinations. The **MI350** is available in a surface mount housing and comes with a three-year warranty and seven-year pro rata battery warranty.



For more information visit our website at  
[www.emergi-lite.com](http://www.emergi-lite.com)  
or contact your sales representative

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