

The NY-LL Series combines performance and dependability into a rugged 20 gauge enclosure. Available in several battery wattages and lamp styles to complement any application.

**FEATURES**

- Meets City of New York Emergency Code requirements
- Enclosure constructed of rugged 20 gauge steel
- Available in 6 or 12 volt with wattages ranging from 18-36 watts - with knockouts for side mounted heads
- Charge rate/power "ON" LED indicator light with test button
- AC lockout for ease of installation and installer protection
- Low voltage disconnect eliminates deep discharge
- Brown-out, short circuit and voltage surge protection
- UL recognized maintenance-free lead acid battery
- ETL listed 90 minute emergency run time, 24 hour recharge time
- Standard finish: White
- 120/277V dual primary, 60Hz input

**WARRANTY**

Any component that fails due to manufacturers defect is guaranteed for 1 year with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. See the full Exitronix warranty document for detailed information.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

**LIMITED CONFIGURATIONS AVAILABLE**  
 (Please see below for all available configurations)



**ORDERING INFORMATION Example: NY-LL6-18-T0609-2-W-L**

SKU	Description
NY-LL6-18-T0609-2-W-L	6V/ 18 Watt unit with (2) 6 Volt 9 Watt Tungsten Lamp Heads, White Steel Enclosure, Large Box size
NY-LL12-36-T1212-2-W	12V/ 36 Watt unit with (2) 12 Volt 12 Watt Tungsten Lamp Heads, White Steel Enclosure

## CONSTRUCTION

The NY-LL6 and NY-LL12 series are die-formed 20 gauge steel housings with epoxy powder coat finish. White finish is standard. Universal J-box mounting pattern and keyhole slots provided for simple installation. Knockouts are provided on top, back, and sides for easy wire entry. Can also be shelf mounted – ordered separately.

## ILLUMINATION

Fully adjustable, attractive lamp heads allow for maximum light to be delivered to the path of egress. Up to 2 lamp heads may be installed on each emergency unit. Emergency lights consist of two 6 volt 9 watt T style lamp heads, 12 volt units are supplied with 12 watt T style lamp heads standard.

## ELECTRICAL

### Input

Dual-voltage input 120 or 277VAC @ 60Hz.

### Sealed Lead Acid Battery – SLA

Exitronix sealed lead acid batteries are maintenance-free with a life expectancy of 5 years. Sealed lead acid batteries provide a relatively large power-to-weight ratio making them ideal for emergency applications. Lead Acid batteries perform optimally in temperatures ranging from 59°F - 104°F (15°C - 40°C).

### Emergency

The NY-LL6 and NY-LL12 series 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 provide adequate voltage the emergency lighting circuit will turn on to supply power to the emergency lamps for 90 minutes until 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.

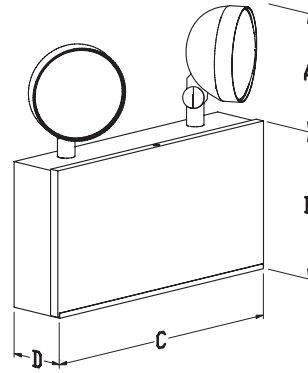
## INSTALLATION

A universal mounting pattern and rear keyhole slots are provided for wall mounting.

## CONFORMANCE TO CODES & STANDARDS

The NY-LL6 and NY-LL12 Series are UL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

## DIMENSIONS



HOUSING	A	B	C	D
Standard	6.00"	9"	10.25	2.5"
L = Large Box	6.00"	10.5"	14.5	2.5"