

The WNX series of industrial emergency lighting units is designed to be affordable, durable and dependable. The NEMA 4x rated fiberglass housing can be used in most Damp, Wet and Hose Down areas.

FEATURES

- Impact-resistant, fiberglass housing with an industrial gray finish
- Available in 6, 12 or 24 Volt with Wattages ranging from 18-360 Watts
- High-impact, thermoplastic, black PAR36 sealed beam lamps
- IP66 rated for Wet and Hose Down Locations - NEMA 4X
- Internal battery heater option (IH1 or IH2) allows operation in temperatures as low as -20°C (-4°F)
- AC lockout for ease of installation and installer protection
- Low voltage disconnect eliminates deep discharge
- Brownout, short circuit and voltage surge protection
- Maintenance-free lead acid battery
- Optional NiCad battery available
- Optional Guardian Self-test/Self-diagnostics (G2) available
- Optional Time Delay feature available
- Universal J-box mounting system
- 120/277V Dual primary, 60Hz input
- CSA listed 90 minute emergency run time, 24 hour recharge time
- U.S.A. - Meets buy American standards

WARRANTY

Any component that fails due to manufacturer's defect is guaranteed for three years with a separate three 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: _____



ORDERING INFORMATION Example: WNX-12N-42-2-Z12H12-G2

| Series | Wattage | | # of Lamp Heads | Lamp Heads | |
|------------------------------------------|--------------------------|----------------------|-------------------|-------------------------------|--------------------------------------------------|
| WNX-6 = 6 Volt Lead Acid | 6 Volt Lead Acid | 6 Volt NiCad | 0 = No Lamp Heads | 6 Volt MR16 LED Lamps | 24 Volt Tungsten Wedge Base/Bi-Pin Lamps |
| WNX-6N = 6 Volt NiCad | 18 = 18 Watts | 22 = 22 Watts | 1 = 1 Lamp Head | LED6-5 = 5 Watts LED | J2409 = 9 Watts |
| WNX-12 = 12 Volt Lead Acid | 36 = 36 Watts | 42 = 42 Watts | 2 = 2 Lamp Heads | LED6-7 = 7 Watts LED | J2418 = 18 Watts |
| WNX-12N = 12 Volt NiCad | 60 = 60 Watts | 54 = 54 Watts | | 12 Volt LED Lamps | 24 Volt Halogen Wedge Base/Bi-Pin Lamps |
| WNX-24 = 24 Volt Lead Acid | 72 = 72 Watts | 90 = 90 Watts | | LED12-5 = 5 Watts LED | J24H12 = 12 Watts |
| WNX-24N = 24 Volt NiCad | 100 = 100 Watts | 12 Volt NiCad | | LED12-7 = 7 Watts LED | J24H20 = 20 Watts |
| | 120 = 120 Watts | 42 = 42 Watts | | 24 Volt LED Lamps | |
| | 200 = 200 Watts | 90 = 90 Watts | | LED24-5 = 5 Watts LED | |
| | 12 Volt Lead Acid | 130 = 130 Watts | | LED24-7 = 7 Watts LED | |
| | 36 = 36 Watts | 200 = 200 Watts | | 6 Volt Tungsten Lamps | Options (Factory Installed) |
| | 60 = 60 Watts | 24 Volt NiCad | | Z0618 = 18 Watts | A = Ammeter |
| | 120 = 120 Watts | 100 = 100 Watts | | Z0625 = 25 Watts | FP = Food Prep Lens |
| | 140 = 140 Watts | 200 = 200 Watts | | Z0630 = 30 Watts | G2 = Self-test/Self-diagnostics |
| | 160 = 160 Watts | | | 6 Volt Halogen Lamps | IH1 = Internal Batt Heater 120V |
| | 180 = 180 Watts | | | Z06H08 = 8 Watts | IH2 = Internal Batt Heater 277V |
| | 360 = 360 Watts | | | Z06H12 = 12 Watts | LC = 3' Line Cord |
| | 24 Volt Lead Acid | | | Z06H20 = 20 Watts | TA = 120V Time Delay |
| | 280 = 280 Watts | | | 12 Volt Tungsten Lamps | TB = 277V Time Delay |
| | 360 = 360 Watts | | | Z1212 = 12 Watts | USA = Meets Buy American Requirements |
| | | | | Z1218 = 18 Watts | V ¹ = Voltmeter |
| | | | | Z1225 = 25 Watts | |
| | | | | Z1230 = 30 Watts | Accessories² (Field Installed) |
| Notes | | | | 12 Volt Halogen Lamps | WG-7 = Wire Guard, 27-72W (Back Mount) |
| ¹ 6 Volt or 12 Volt Only | | | | Z12H08 = 8 Watts | WG-A = Wire Guard, 100-360W (Back Mount) |
| ² Order as separate line item | | | | Z12H12 = 12 Watts | XG-EL90 = Poly Guard, 27-72W (Back Mount) |

CONSTRUCTION

The WNX series is constructed with a durable, fully gasketed NEMA 4X rated fiberglass cabinet. Industrial gray finish is standard.

ILLUMINATION

Two fully adjustable lamps with metalized reflectors allow for maximum light to be delivered to the path of egress. Emergency lights consist of two 6, 12 or 24 Volt, 9 Watt, "Z" style PAR36 lamp heads as standard.

ELECTRICAL

Input

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

Sealed Lead Acid Battery – SLA

Exitronix sealed lead acid batteries are maintenance-free and are constructed of a series of plates stacked with separators designed to optimize the efficiency and prolong the life of the battery. Lead acid batteries perform optimally in temperatures ranging from 15°C to 40°C (59°F to 104°F).

Sealed Nickel Cadmium Battery (Option: NC)

Exitronix sealed nickel cadmium batteries are maintenance-free and continue to perform in a vast temperature range from 0°C to 40°C (32°F to 104°F).

Emergency

The WNX 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

The brownout circuit monitors the flow of AC current to the unit and triggers the emergency lighting system once a set reduction of AC power occurs. This dip in the voltage will cause many fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

Low Voltage Disconnect

When the battery's terminal voltage falls below predetermined levels, the low voltage circuit disconnects the emergency lighting load. The disconnect remains in effect until normal power is restored, preventing deep battery discharge and improving the life of the battery. The disconnect will also automatically reconnect the load circuit once the battery voltage returns to a normal value after charging.

Solid-State Transfer

The unit features a Solid-state switching transistor which eliminates damaged contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC power and automatically energizes the lamps. Upon restoration of the AC voltage, the emergency lamps will switch off and the charger will automatically recharge the battery.

Overload and Short Circuit Protection

The Solid-state overload monitoring system in the DC circuit disconnects the lamp load from the battery should excessive wattage demands be made and automatically resets when the overload or short circuit is removed. This overload current protective characteristic eliminates the need for fuses or circuit breakers for the DC load.

Test Button

The test button is easy to locate and allows for manual verification that the transfer circuit and emergency lamps are operating properly.

INSTALLATION

The WNX series is suitable for surface wall mount applications

Made in the USA (Option: USA)

Many of our products can be produced or configured to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions. These fixtures meet LEVEL 2 or 3 compliance when option is requested – please call factory for details with questions.

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 and performs automatic code compliance 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.

Time Delay (Option TA or TB)

The purpose of this feature is to allow additional time for "normally on" fixtures to return to full brightness prior to extinguishing the supplemental light from the emergency fixtures.

Internal Heater (Option: IH1 or IH2)

The internal heater on this emergency fixture is designed to extend the operating temperature range of this unit down to -40°C (-40°F).

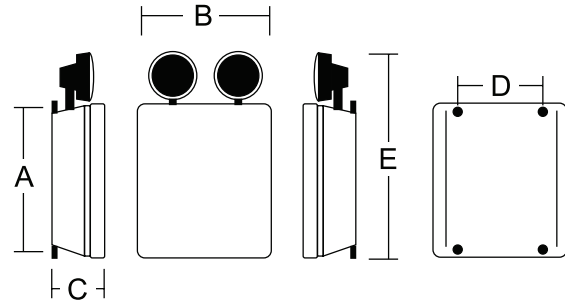
CONFORMANCE TO CODES AND STANDARDS

The WNX Series is CSA listed and meets or exceeds: UL 924, NEC requirements and NFPA 101.

MODEL RATING GUIDE

| Model | Volts | Wattage (Minutes) | | | | Cabinet |
|------------|-------|-------------------|--------|--------|--------|---------|
| | | 90min | 120min | 180min | 240min | |
| WNX-6-27 | 6 | 27 | 20 | 13 | 10 | 1 |
| WNX-6-36 | 6 | 36 | 27 | 18 | 13 | 1 |
| WNX-6-60 | 6 | 60 | 45 | 30 | 22 | 2 |
| WNX-12-36 | 12 | 36 | 27 | 18 | 13 | 1 |
| WNX-12-60 | 12 | 60 | 45 | 30 | 22 | 2 |
| WNX-12-140 | 12 | 140 | 105 | 70 | 52 | 2 |
| WNX-12-360 | 12 | 360 | 270 | 180 | 135 | 3 |
| WNX-24-140 | 24 | 140 | 105 | 70 | 52 | 2 |
| WNX-24-360 | 24 | 360 | 270 | 180 | 135 | 3 |

DIMENSIONS



| Cabinet | A | B | C | D | E |
|---------|--------|--------|-------|--------|-------|
| 1 | 11.43" | 9.25" | 5.43" | 5.3" | 16.5" |
| 2 | 13.43" | 11.25" | 5.43" | 8.3" | 18.5" |
| 3 | 15.5" | 13.37" | 6.25" | 12.25" | 22.5" |