

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Suitable for Class I, Division 2, Groups A, B, C and D; Zone 2, Groups IIA, IIB + H<sub>2</sub> and IIC; and Class II, Division 2, Groups F and G.

**CONSTRUCTION** — Impact-resistant, fiberglass reinforced polyester housing. Gray with stainless steel hardware and clear polycarbonate cover. Includes one-piece formed gasket and corrosion-resistant hardware. Standard internal or external mounting feet provide installation flexibility.

Lamp heads are Class I, Div. 2 rated polycarbonate PAR36 sealed beam.

**OPTICS** — The typical life of the exit LED lamp is 10 years. Halogen and incandescent lamp types available in 6V.

**ELECTRICAL** — 120/277 VAC dual-voltage input with surge-protected, solid-state charging circuitry.

Low-voltage disconnect (LVD) feature disconnects battery prior to unacceptable deep discharge but not before required 90-minute emergency operation.

AC lockout feature prevents battery drain prior to energizing of utility power. Wiring and electrical connections can be completed without energizing emergency circuit.

Brownout protection circuitry automatically switches unit into emergency mode if utility voltage drops below 25% of nominal.

Battery charging circuitry is solid-state. Utilizes fully automatic, voltage-regulated charger. Battery recharge time after full discharge less than required by UL 924 standard.

Battery: Sealed, maintenance-free lead-calcium battery standard. Quick-connect plug assembly for easy installation and maintenance.

90-minute emergency operation at full light output.

**Diagnostics:** Self-diagnostic option conducts automatic and manual tests, indicating real-time status of lamp, battery and charger via tri-color indicator lamps. Automatic tests include systems analysis every 10 seconds, with actual load tests performed for one-minute duration every 30 days, and for 30-minute duration on the sixth and twelfth month. Manual tests include one-minute or 90-minute battery discharge and lamp illumination tests.

**INSTALLATION** — Wall mount only (optional mounting feet included).

**LISTINGS** — UL Listed. Meets UL 924 and 844 illumination standards. UL listed for use in Class I and II, Division 2 hazardous location areas. NFPA 101, NEC, OSHA and IBC illumination standards. Temperature class rating 160°C (T-Code T3C) or for Class I, Zone 2 rating is 200°C (T-Code T3).

**WARRANTY** — 3-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

### Class I and II, Division 2 Emergency Lighting



# LHZ

Hazardous Location  
Combination Emergency LED Exit/Unit



# LHZ Hazardous Location Combination Emergency LED Exit/Unit

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Ordering Information	Description
LHZ618 S 1 G H0606	6V, 18W lead calcium battery, single face, green letters, Two heads, 6W/6V Halogen lamps
LHZ618 S 1 G H0806	6V, 18W lead calcium battery, single face, green letters, Two heads, 8W/6V Halogen lamps
LHZ618 S 1 G N0806	6V, 18W lead calcium battery, single face, green letters, Two heads, 8W/6V Incandescent lamps
LHZ618 S 1 G SD H0806	6V, 18W lead calcium battery, single face, green letters, Two heads, 8W/6V Halogen lamps, Self-diagnostics
LHZ618 S 1 G SDA H0606	6V, 18W lead calcium battery, single face, green letters, Two heads, 6W/6V Halogen lamps, Self-diagnostics with audible alarm
LHZ618 S 1 R H0606	6V, 18W lead calcium battery, single face, red letters, Two heads, 6W/6V Halogen lamps
LHZ618 S 1 R H0806	6V, 18W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps
LHZ618 S 1 R H0806 TD	6V, 18W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps, Time delay
LHZ618 S 1 R N0806	6V, 18W lead calcium battery, single face, red letters, Two heads, 8W/6V Incandescent lamps
LHZ618 S 1 R R1 N0806	6V, 18W lead calcium battery, single face, red letters, Single head, 8W/6V Incandescent lamp
LHZ618 S 1 R SD H0606	6V, 18W lead calcium battery, single face, red letters, Two heads, 6W/6V Halogen lamps, Self-diagnostics
LHZ618 S 1 R SD H0806	6V, 18W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps, Self-diagnostics
LHZ618 S 1 R SD N0806	6V, 18W lead calcium battery, single face, red letters, Single head, 8W/6V Incandescent lamp, Self-diagnostics
LHZ618 S 1 R SD R0	6V, 18W lead calcium battery, single face, red letters, Less heads, Self-diagnostics
LHZ618 S 1 R SDA H0606	6V, 18W lead calcium battery, single face, red letters, Two heads, 6W/6V Halogen lamps, Self-diagnostics with audible alarm
LHZ618 S 1 R SDA H0806	6V, 18W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps, Self-diagnostics with audible alarm
LHZ618 S 1 R SDA H0806 TD	6V, 18W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps, Self-diagnostics with audible alarm, Time Delay
LHZ618 S 1 R SDA N0806	6V, 18W lead calcium battery, single face, red letters, Two heads, 8W/6V Incandescent lamps, Self-diagnostics with audible alarm
LHZ618 S 1 R SDA R0	6V, 18W lead calcium battery, single face, red letters, Less heads, Self-diagnostics with audible alarm
LHZ636 S 1 G N1806	6V, 36W lead calcium battery, single face, green letters, Two heads, 18W/6V Incandescent lamps
LHZ636 S 1 G SDA N1806	6V, 36W lead calcium battery, single face, green letters, Two heads, 18W/6V Incandescent lamps, Self-diagnostics with audible alarm
LHZ636 S 1 R H0806	6V, 36W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps
LHZ636 S 1 R H1206	6V, 36W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps
LHZ636 S 1 R SD H0606	6V, 36W lead calcium battery, single face, red letters, Two heads, 6W/6V Halogen lamps, Self-diagnostics
LHZ636 S 1 R SD H0806	6V, 36W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps, Self-diagnostics
LHZ636 S 1 R SD H1206	6V, 36W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps, Self-diagnostics
LHZ636 S 1 R SD H1206 TD	6V, 36W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps, Self-diagnostics, Time Delay
LHZ636 S 1 R SD N1806	6V, 36W lead calcium battery, single face, red letters, Two heads, 18W/6V Incandescent lamps, Self-diagnostics
LHZ636 S 1 R SD R1 H0806	6V, 36W lead calcium battery, single face, red letters, Single head, 8W/6V Halogen lamp, Self-diagnostics
LHZ636 S 1 R SDA H1206	6V, 36W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps, Self-diagnostics with audible alarm
LHZ636 S 1 R SDA N1806	6V, 36W lead calcium battery, single face, red letters, Two heads, 18W/6V Incandescent lamps, Self-diagnostics with audible alarm
LHZ672 S 1 G H1206	6V, 72W lead calcium battery, single face, green letters, Two heads, 12W/6V Halogen lamps
LHZ672 S 1 G N2506	6V, 72W lead calcium battery, single face, green letters, Two heads, 25W/6V Incandescent lamps
LHZ672 S 1 G SD N2506	6V, 72W lead calcium battery, single face, green letters, Two heads, 25W/6V Incandescent lamps, Self-diagnostics
LHZ672 S 1 R H0806	6V, 72W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps
LHZ672 S 1 R H1206	6V, 72W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps
LHZ672 S 1 R N0806	6V, 72W lead calcium battery, single face, red letters, Two heads, 8W/6V Incandescent lamps
LHZ672 S 1 R N2506	6V, 72W lead calcium battery, single face, red letters, Two heads, 25W/6V Incandescent lamps
LHZ672 S 1 R SD H0806	6V, 72W lead calcium battery, single face, red letters, Two heads, 8W/6V Halogen lamps, Self-diagnostics
LHZ672 S 1 R SD H1206	6V, 72W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps, Self-diagnostics
LHZ672 S 1 R SD N1806	6V, 72W lead calcium battery, single face, red letters, Two heads, 18W/6V Incandescent lamps, Self-diagnostics
LHZ672 S 1 R SD N2506	6V, 72W lead calcium battery, single face, red letters, Two heads, 25W/6V Incandescent lamps, Self-diagnostics
LHZ672 S 1 R SDA H1206	6V, 72W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps, Self-diagnostics with audible alarm
LHZ672 S 1 R SDA H1206 TD	6V, 72W lead calcium battery, single face, red letters, Two heads, 12W/6V Halogen lamps, Self-diagnostics with audible alarm, Time Delay

# LHZ Hazardous Location Combination Emergency LED Exit/Unit

## SPECIFICATIONS

### ELECTRICAL

Primary Circuit			
	Typical LED Life <sup>1</sup>	AC volts	Input
LHZ618	10 Years	120	.133
Red/Green		277	.058
LHZ636	10 Years	120	.122
Red/Green		277	.053
LHZ672	10 Years	120	.129
Red/Green		277	.56

### BATTERY

Lead-Calcium				
Voltage	Shelf Life <sup>2</sup>	Typical Life <sup>2</sup>	Maintenance <sup>3</sup>	Temperature range <sup>4</sup>
6	12 months	4-5 years	none	65°F - 85°F (19°C - 30°C)

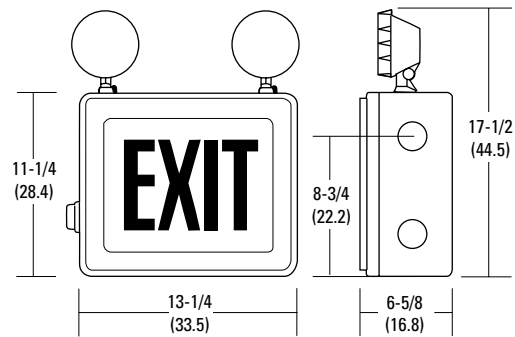
#### Notes

- Based on continuous operation. The typical life of the LED exit lamp is 10 years.
- At 77°F (25°C).
- All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- Temperature range where unit will provide capacity for 30 to 90 minutes. Higher and lower temperatures affect life and capacity.

## DIMENSIONS

All dimensions are in inches (centimeters).

Shipping weight: LHZ618 - 24 lbs. (11 kgs.)  
LHZ636 - 25 lbs. (11 kgs.)  
LHZ672 - 27 lbs. (12 kgs.)



Mounting Tabs: Mounting enclosure to wall using (4) thru holes or optional mounting feet.

