



6 and 12 Volt, Class I Division II HZM Series

The **HZM Series** is designed to prevent ignition of hazardous materials. Applications include locations where flammable materials are stored and handled.

For Use in Hazardous Locations:

- Class I Division II Groups A, B, C and D,

Supplied with Diagnostics as Standard

Continuously monitors every critical function of the unit

UL Listed

Complies with NEC, Life Safety Code and OSHA.

Sealed Maintenance-Free Batteries

- Lead Calcium

Standard Features

Reliability

The HZM Series comes complete with a 3-year full warranty.

Unit Data

The water and corrosion resistant cabinet is formed from injection molded structural foam, glass reinforced material. The cabinet is fully gasketed around the cover. The test switch and AC pilot light are explosion proof in design and exceed requirements for Class I, Division II, Group A, B, C & D. The battery compartment is vented with a breather vent designed to permit exhaust of battery gases without admitting external moisture or corrosives. This design is also suitable for use in Class II Division II, Group F & G applications. The HZM Series has a industrial gray finish and two EF11 weather resistant thermoplastic heads each with a 12 watt sealed beam high intensity tungsten lamp mounted on top of the enclosure. The 1" conduit entry has a rubber cover to eliminate all exposed metal parts.

Pulse Charger

Fully automatic pulse charger offers 120/277 volt input 60 Hz., 0.43 Amp., limited current temperature compensation, short circuit proof, reverse polarity protected, low voltage battery disconnect and brownout protection.

Standard Self-Diagnostics Circuitry

Will continuously monitor every critical function of the unit. If a problem occurs, a single fault indicator on the outside of the fixture flashes immediately. A detailed diagnostic display is located internally. The detailed display will further indicate the nature of the fault as either a battery fault, load fault or a charger fault.

Optional Features

Description

Temperature control 120 volt heater.....	H1
Temperature control 277 volt heater.....	H2
Shatter resistant lamp coating.....	NFPA

Add Suffix

Accessories (order as a separate item)

Wire guard	WG3
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Applications

- Manufacturing Plants, • Chemical Plants, • Food Processing Areas*,
- Paint Shops, • Moisture, Dirt or Dust Concerns
- Wet or Corrosive Conditions

*Shatter resistant lamp coating optional

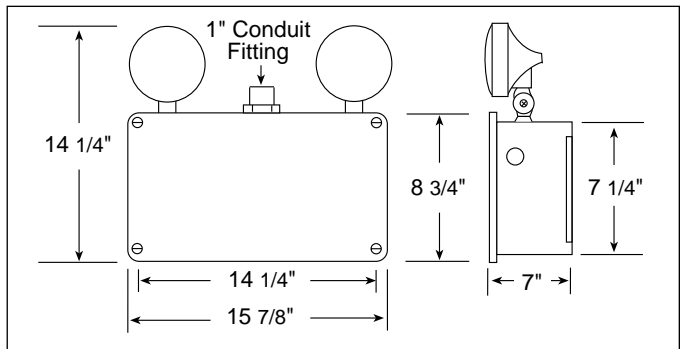
Unit Rating Chart

Furnished standard with two 9 watt High Intensity Incandescent lamps.

UNIT EQUIPMENT - WITH REMOTE CAPABILITY						
Sealed Maintenance-Free Battery Types	D. C. Volt	Model Number	*Watts to 87 1/2% of rated battery voltage			
			1 1/2 hrs.	2 hrs.	3 hrs.	4 hrs.
Lead Calcium	6	6HZM24-2	24	18	10	6
	12	12HZM56-2	56	37	21	12

Outline and Dimensions

Dimensions are approximate and subject to change.



How To Order (example)

For standard units without options only order Series, Battery, Watts, Heads
12HZ - M - 56 - 2 - *(UE) - TC120

Options are added to units by listing suffix at end of model #

Series	Battery Type	Watts	# of	Lamp Option	Option
	lead calcium	for 90 min.	Heads	12V 12W	

Includes standard lamp

*see lamp data sheet in lighting fixture section for other lamp wattages.