

# EBZN2

## HAZARDOUS LOCATION BATTERY UNIT

CLASS I, DIVISION 2, GROUPS C, D



The EBZN2 series of Class I, Division 2 rated battery units is designed to perform in demanding hazardous applications. The unit maintains its sealed interior with a continuous integral gasket. As well LED pilot light and test switch are sealed type.



### BOTTOM VIEW

- 1- AC ON PILOT LED
- 2- BREATHER VALVE
- 3- TEST SWITCH

## FEATURES & SPECIFICATIONS

### CIRCUITRY

- 120/347 V AC 60Hz Input, field selectable
- High efficiency, rapid recovery, precision control charging system
- 12 V DC emergency voltage output
- Wattage capacities from 36 to 200W
- 30 minutes emergency power duration standard
- Sealed momentary push button test switch
- Diagnostic/pilot LED for AC ON
- Fully automatic, current limited charger
- Solid state design and construction with brownout and short circuit protection
- Temperature compensated
- Large terminal strip connector all electrical connections
- Complete battery recharge in 24 hours
- Maintenance free, sealed lead acid battery

### MECHANICAL




- Heavy-duty non-metallic, reinforced construction
- One piece, molded and gasketed lens
- Bottom hinged cover, secured with two screws
- One-way breather valve for release of gases and/or moisture condensation
- All external metal hardware is stainless steel
- Wall mount construction
- Grey finish housing
- Top head mounting is standard

### APPROVALS

- CSA Certified to C22.2 #137
- CSA Certified to C22.2 #141-15
- Class I, Division 2, Groups C, D

### COMPLIANCE

- Meets requirements of ICES-005

OVERVIEW			
INPUT VOLTAGE [V AC]	120/347	OUTPUT POWER [W]	36 - 200
OUTPUT VOLTAGE [V DC]	12		
<div>  <div>HAZARDOUS LOCATION</div>  <div>ICES 005</div>  </div>			

For complete warranty details, please see our terms and conditions on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

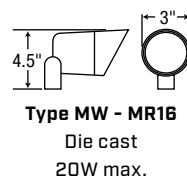
## ORDERING GUIDE

EBZN2				
SERIES	VOLTS [V DC]	WATTS [W]	HEAD/LAMP	LAMP
EBZN2	12 - 12	SEE MODEL RATING BELOW	0 - NO HEADS 1MW - ONE MR16 WEATHER-PROOF 2MW - TWO MR16 WEATHER-PROOF	SEE LAMP SELECTION CHART BELOW

Note: For detailed options descriptions, please consult the options page.

## LAMP SELECTION

12 VOLTS	
MR16 - SMALL HEAD C/W MR16 LAMP	
QUARTZ HALOGEN	20WQ
LED	4WLR, 5WLA, 6WLA, 7WLA



## TEMPERATURE CODES

HEAD/LAMP	TEMPERATURE CODE [25°C]	TEMPERATURE CODE [40°C]
00	T5	T4A
MW4L	T5	T4A
MW5L	T3C	T3B
MW6L	T4	T3C
MW7L	T4	T3C
MW12Q	T3C	T3B
MW20Q	T2D	T2C
MW35Q	T2B	T2A
MW50Q	T1	T1

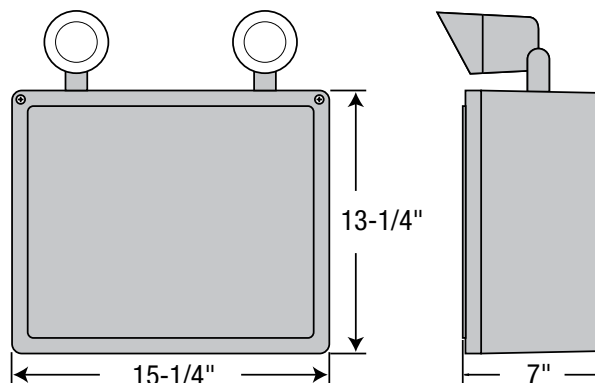
## MODEL RATINGS

WATTAGE CAPACITIES					
MODEL	VOLTS [V DC]	30 MIN.	60 MIN.	90 MIN.	120 MIN.
EBZN212036	12	36	18	12	9
EBZN212050	12	50	25	16	12
EBZN212072	12	72	36	24	18
EBZN212100	12	100	50	33	25
EBZN212160	12	160	80	53	40
EBZN212200	12	200	100	66	50

## LUMEN TABLE

WATTS	LUMENS
4W LR	388
5W LA	435
6W LA	507
7W LA	652

## DIMENSIONS



All products are subject to change or may be discontinued any time without notice.

Please consult our chemical resistance guide to ensure selection of the proper product for your application.