

EBHZ HAZARDOUS LOCATION BATTERY UNIT

CLASS I, DIVISION 1, GROUPS C & D
 GROUPS A & B
 6, 12 OR 24VDC MODELS
 120/347VAC INPUT



Designed to meet the strictest codes and standards, the EBHZ series of hazardous location battery units provides safe and dependable operation. The EBHZ series housings are built with die cast, copper free aluminum, in a variety of Class and Division rated models. Available in 6, 12 and 24VDC models in a range of capacities from 36 to 320W, for 30 minutes duration.

FEATURES & SPECIFICATIONS

CIRCUITRY

- Range of input voltages 120 or 347VAC
- Single or double internal MR16 lamp assemblies
- 6VDC, 12VDC or 24VDC emergency power output versions [as specified]
- Wattage capacities from 36 to 320W
- 30 minutes emergency power duration standard
- Diagnostic/pilot LED for AC ON
- High efficiency, rapid recovery, precision control charging system
- Brownout and short circuit protection
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Maintenance free, sealed lead acid battery

MECHANICAL




- Die cast, copper free aluminum housing - grey aluminum finish
- Housing cavity accessed via large circular screw on/off cover plate
- Standard stainless steel one-way breather valve for release of gases and/or moisture condensation
- Housing c/w tapped and plugged rigid holes
- Solid state design and construction
- Oversized integral mounting holes/forks accept heavy-duty mounting hardware
- Internal MR16 lamp assembly is fully adjustable
- Temperature code: T6

APPROVALS

- CSA Certified to C22.2 #137
- CSA Certified to C22.2 #141-15
- Class I, Division 1, Groups C & D
- Class I, Groups A & B

COMPLIANCE

- Meets requirements of ICES-005

OVERVIEW			
INPUT VOLTAGE [VAC]	120 OR 347	OUTPUT POWER [W]	36 - 320
OUTPUT VOLTAGE [VDC]	6, 12 OR 24		
<div>  HAZARDOUS LOCATION  ICES 005  </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

EBHZ			1	1	CD		—			
SERIES	VOLTS [VDC]	WATTS [W]	CLASS	DIV.	GROUP	VOLTS [VAC]	HEAD	LAMP/HEAD	LAMP	
EBHZ	06 - 6 12 - 12 24 - 24	SEE MODEL RATING BELOW	1	1	C D	BLANK - 120/347	1Z - SINGLE 2Z - DOUBLE	1 - SINGLE LAMP ASSEMBLY 2 - DOUBLE LAMP ASSEMBLY	SEE LAMP SELECTION BELOW	

LAMP SELECTION

	6VDC	12VDC	24VDC
MR16			
LED	4WLR, 5WLA	4WLR, 5WLA, 6WLA, 7WLA	4WLR, 5WLA, 6WLA, 7WLA

LUMEN TABLE

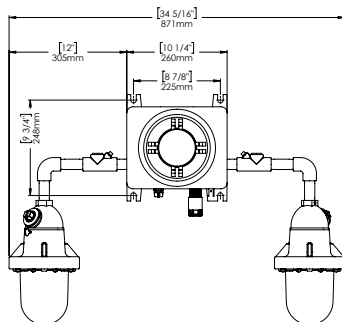
WATTS	LUMENS
4W LR	388
5W LA	435
6W LA	507
7W LA	652

MODEL RATINGS

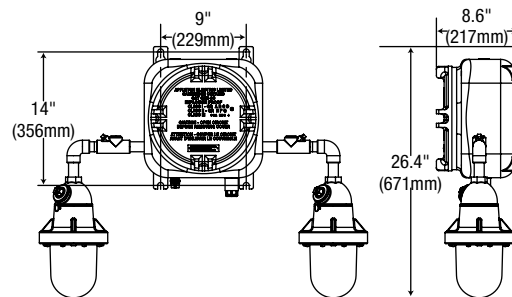
WATTAGE CAPACITIES						
MODEL	ENCLOSURE	VOLTS [VDC]	30 MIN.	60 MIN.	90 MIN.	120 MIN.
EBHZ06036	A	6	36	18	12	9
EBHZ06050	A	6	50	25	16	12
EBHZ06072	A	6	72	36	24	18
EBHZ12036	A	12	36	18	12	9
EBHZ12050	A	12	50	25	16	12
EBHZ12072	A	12	72	36	24	18
EBHZ12100	A	12	100	50	33	25
EBHZ12160	B	12	160	80	53	40
EBHZ12200	B	12	200	100	66	50
EBHZ24144	A	24	144	72	48	36
EBHZ24320	B	24	320	160	106	80

DIMENSIONS

ENCLOSURE A



ENCLOSURE B



Dimensions are subject to change according to exact Class, Division & Group specifications.

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.