

Series spec sheet

SLBXP

HAZARDOUS LOCATION BATTERY UNIT

Class I, Division 1, Groups C & D,
 6, 12 or 24 V DC Models
 120/347 V AC Input

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

FEATURES AND SPECIFICATIONS

• Circuitry

- Range of input voltages 120 or 347 V AC
- Single or double internal MR16 lamp assemblies
- 6 V DC, 12 V DC or 24 V DC emergency power output versions (as specified)
- Wattage capacities from 36 W to 320 W
- 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

• Compliance

- Meets requirements of ICES-005



OVERVIEW

Input voltage (V AC)	120, 347
DC voltage (V DC)	6, 12, 24
Output power (W)	36 - 320

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



hazardous
location



ICES
005



ORDERING GUIDE

SLBXP						
Series	Volts (V)	Watts	Input voltage (V)	Head	Lamp/Head	Lamp
SLBXP	6 - 6 1 - 12 2 - 24	See model rating below	Blank - 120/347	1R - Single 2R - Double	1L - Single lamp assembly 2L - Double lamp assembly	See lamp selection below

LAMP SELECTION

MR16	6 V	12 V	24 V
LED	4LR, 5LA	4LR, 5LA, 6LA, 7LA	4LR, 5LA, 6LA, 7LA

LUMEN TABLE

Watts	Lumens
4 W LR	388
5 W LA	435
6 W LA	507
7 W LA	652

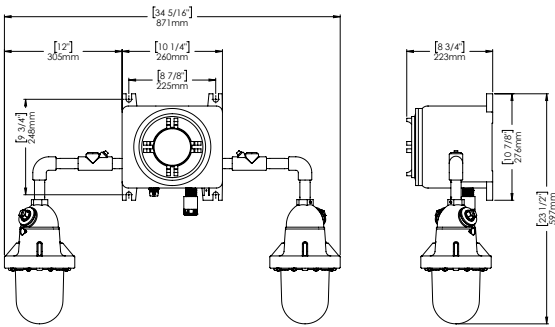
MODEL RATINGS

Model	Housing	Volts (V)	Wattage capacities (W)			
			30 min.	60 min.	90 min.	120 min.
SLBXP6036	A	6	36	18	12	9
SLBXP6050	A		50	25	16	12
SLBXP6072	A		72	36	24	18
SLBXP1036	A	12	36	18	12	9
SLBXP1050	A		50	25	16	12
SLBXP1072	A		72	36	24	18
SLBXP1100	A		100	50	33	25
SLBXP1160	B		160	80	53	40
SLBXP1200	B		200	100	66	50
SLBXP2144	A	24	144	72	48	36
SLBXP2320	B		320	160	106	80

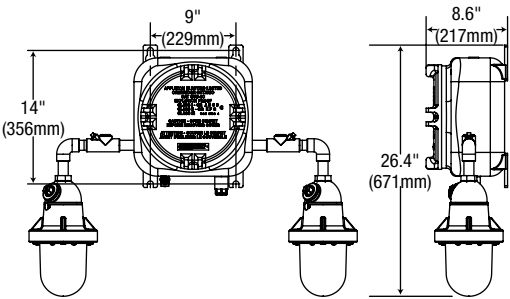
DIMENSIONS

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

ENCLOSURE A



ENCLOSURE B



SPACING GUIDE

Mounting height	Spacing center to center (ft)			
	4LR	5LA	6LA	7LA
8 ft	76	81	94	108
10 ft	79	79	93	106
15 ft	66	62	82	96
20 ft	53	49	73	87

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.