

SLBIS

DUST-TIGHT STEEL BATTERY UNIT

NEMA12/EEMAC12

6V, 12V or 24V Models

120/347VAC Input



Approvals:
CSA Certified to C22.2 #141.15

DESCRIPTION

The SLBIS series of NEMA12 and EEMAC12 rated steel battery units are designed to perform in demanding industrial locations. The fully gasketed, all steel housing is kept dust-tight with sturdy, screw lock latches. The SLBIS series is available in 6VDC, 12VDC and 24VDC versions in a range of wattage capacities between 36 and 360W, for 30 minutes duration. Units are typically supplied with two top mounted PAR36 weatherproof heads, however a wide range of head type, number and placement are available. The SLBIS can also accommodate a variety of options, including auto-testing self-diagnostics and remote testing.

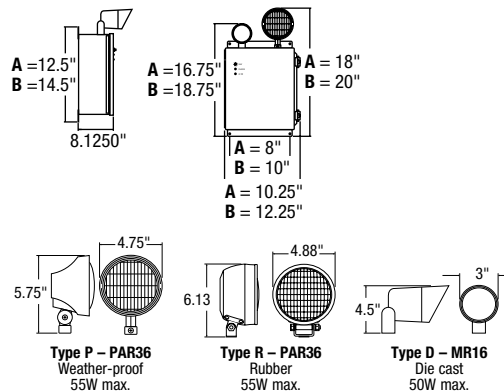
CIRCUITRY

- 120/347VAC 60Hz Input, field selectable
- High efficiency, rapid recovery, precision control charging system
- 30 minutes emergency power duration standard
- Dust-tight, momentary push button test switch
- Diagnostic/pilot LEDs for AC ON and CHARGE
- Brownout and short circuit protection
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Complete battery recharge in 24 hours
- Maintenance free, sealed lead acid battery
- Optional automatic-testing, self-diagnostic charger board

MECHANICAL

- 20 Gauge steel construction
- NEMA12 / EEMAC12 rated design
- Four integral mounting holes (one per corner)
- 120VAC line cord with dust-tight strain relief supplied standard
- Industrial grey powder coat finish standard, other finishes optional
- Lamp heads include weatherproof PAR36 large style, rubber PAR36 sealed beam and NEMA4X / EEMAC4X rated die cast metal MR16
- Top head mounting is standard, side mount is optional

DIMENSIONS



ORDERING GUIDE

Series	Voltage	Wattage	Head/Lamp	Lamp	Colour	Options†
SLBIS	06 - 6VDC 12 - 12VDC 24 - 24VDC	See model rating below	0 - No Heads 1P - One PAR36 2P - Two PAR36 1R - One Rubber PAR36 (SB) 2R - Two Rubber PAR36 (SB)	1D - One MR16 Weather-Proof 2D - Two MR16 Weather-Proof	See lamp list below	GY - Grey (standard) WH - White BK - Black AT, TD*, LD, BD, V, A, DCTB, HTR*, OBM, TLP, CT, TP, TFC, WG, RFS*

† For detailed options descriptions, please consult the options page. * Specify AC voltage.

LAMP SELECTION

	6 Volts	12 Volts	24 Volts
PAR18 - Small Head or LED Lamp			
Quartz halogen	08Q, 10Q, 12Q	08Q, 10Q, 12Q	12Q
Tungsten	09T	09T, 12T, 18T	09T, 18T
MR16 - Small Head c/w MR16 or LED Lamp			
LED	4LR, 5LA	4LR, 5LA, 6LA, 7LA	4LR, 5LA, 6LA, 7LA
Quartz halogen	08Q, 10Q, 12Q, 20Q	08Q, 10Q, 12Q, 20Q, 35Q	10Q, 12Q
PAR36 - Large Head			
Quartz halogen	08Q, 10Q, 12Q, 20Q	8Q, 10Q, 12Q, 20Q, 35Q	12Q, 20Q
Tungsten	09T, 18T, 25T	09T, 18T, 25T	09T, 18T, 25T
Quartz sealed beam	08SBQ, 10SBQ, 12SBQ, 20SBQ	08SBQ, 12SBQ, 35SBQ, 55SBQ	55SBQ, 70SBQ
Tungsten sealed beam	08SBT, 09SBT, 18SBT	25SBT	N/A

MODEL RATINGS

Model	Voltage	Wattage capacities				Cabinet
		30 min.	60 min.	90 min.	120 min.	
SLBIS-06036	6V	36	18	12	9	A
SLBIS-06050	6V	50	25	16	12	A
SLBIS-06072	6V	72	36	24	18	A
SLBIS-06100	6V	100	50	33	25	A
SLBIS-06160	6V	160	80	53	40	A
SLBIS-06180	6V	180	90	60	45	A
SLBIS-12036	12V	36	18	12	9	A
SLBIS-12050	12V	50	25	16	12	A
SLBIS-12072	12V	72	36	24	18	A
SLBIS-12100	12V	100	50	33	25	A
SLBIS-12160	12V	160	80	53	40	A
SLBIS-12200	12V	200	100	66	50	A
SLBIS-12250	12V	250	125	83	62	B
SLBIS-12360	12V	360	180	120	90	B
SLBIS-24144	24V	144	72	48	36	A
SLBIS-24200	24V	200	100	66	50	A
SLBIS-24320	24V	320	160	106	80	B

Note: Due to cabinet/space limitations, not all options are available for all models in any given combination. Please consult with your factory representative regarding specific options and exact cabinet dimension information.