

SLC

STEEL BATTERY UNIT

Project: _____
 Type: _____
 Catalogue #: _____
 Drawn by: _____
 Date: _____

The SLC series of commercial steel battery units is designed to provide efficient and reliable emergency lighting. Utilizing a sturdy, all steel housing, the SLC presents a modern and unobtrusive design. On higher capacity models, the cabinet front is sloped to allow better internal access and superior low angle light distribution. The SLC series is available in 6VDC, 12VDC or 24VDC versions in a range of wattage capacities up to 360W, for 30 minutes duration. Units are typically supplied with two top mounted PAR18 however a wide range of head type, number and placement are available including MR16 type. The SLC can also accommodate a wide variety of options, including auto-testing self-diagnostics and remote testing.

FEATURES AND SPECIFICATIONS

• Circuitry

- 120/347 or 277VAC 60Hz Input
- High efficiency, rapid recovery, precision control charging system
- 6VDC, 12VDC or 24VDC emergency power output versions (as specified)
- Wattage capacities up to 360W
- 30 Minutes emergency power duration standard
- Momentary push button test switch
- Diagnostic/pilot LEDs for AC ON and CHARGE
- Fully automatic, current limited charger
- Line latched, low voltage protection
- Solid state design and construction
- Brownout and short circuit protection
- Temperature compensated
- Complete battery recharge in 24 hours
- Maintenance free, sealed lead acid battery
- Optional automatic-testing, self-diagnostic charger board:
 - Continuously monitors the operational status of the battery unit

- Automatically performs battery and lamp load testing at preset intervals
- Indicates any component malfunctions or automated test failures

• Mechanical

- Rugged steel cabinet with ultraguard rust-coating
- 120VAC line cord supplied standard
- Universal spider knockout pattern and keyhole mounting slots stamped into back of cabinet
- Multiple conduit entry knockouts
- White powder coat finish standard, other finishes and Colours optional
- Lamp heads include PAR18 small style and die cast metal MR16 type
- Top head mounting is standard, side mount is optional

• Approval

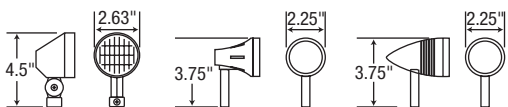
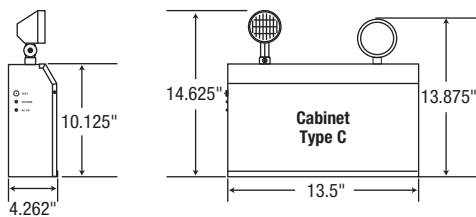
- CSA Certified to C22.2 #141-15

• Compliance

- Meets requirements of ICES-005



DIMENSIONS



- | | | |
|--|--|--|
| TYPE N - PAR18
Thermoplastic
18W max. | TYPE S - MR16
Die cast
35W max. | TYPE M - MR16
Die cast
35W max. |
|--|--|--|



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OVERVIEW

Input voltage	120/347 or 277VAC
Output voltage	6VDC, 12VDC or 24VDC
Output power	Up to 360W

ORDERING GUIDE

Series	Voltage	Wattage	Battery	Head/Lamp	Lamp type	Colour	Input voltage	Options†
SLC	06 - 6VDC 12 - 12VDC 24 - 24VDC	See model rating below	Blank - Regular HP - High power factor	00 - No Heads 1N - One PAR18 2N - Two PAR18 1S - One MR16 2S - Two MR16 1M - One MR16 2M - Two MR16	See lamp list below	WH - White (standard) BK - Black GY - Grey	Blank - 120/347V E - 277V	AT, TD*, LD, BD, V, A, ACTB, DCTB, FD4, RDS*, OBM, TLP, CT, TP, MTS, WG, IRT, IRC

† For detailed options descriptions, please consult the options page.

* Specify AC voltage.

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LAMP SELECTION

	6 volts	12 volts	24 volts
PAR18 • Small head or LED lamp			
LED	3LJ, 4LJ, 5LJ	3LJ, 4LJ, 5LJ, 6LA, 7LA	4LR, 5LA, 6LA, 7LA
Quartz halogen	08Q, 10Q	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	08Q, 10Q, 12Q, 20Q, 35Q	10Q, 12Q, 20Q

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.

MODEL RATINGS

Model	Voltage	Wattage capacities				Cabinet
		30 min.	60 min.	90 min.	120 min.	
SLC06160	6V	160	80	53	40	C
SLC06180	6V	180	90	60	45	C
SLC12160	12V	160	80	53	40	C
SLC12200	12V	200	100	66	50	C
SLC12250	12V	250	125	83	62	D
SLC12360	12V	360	180	120	90	D
SLC24144	24V	144	72	48	36	C
SLC24200	24V	200	100	66	50	C
SLC24320	24V	320	160	106	80	D

Comments

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