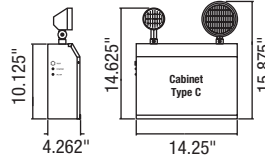


# SLC

## STEEL BATTERY UNIT

6V, 12V or 24V  
 160W-360W Capacity  
 120/347VAC Input



**SP** Approvals:  
 CSA Certified to C22.2 #141.15

### DESCRIPTION

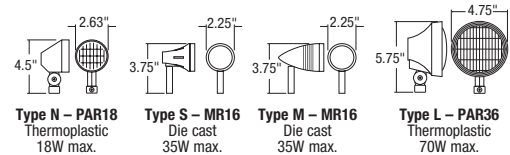
The SLC series of commercial steel battery units is designed to provide efficient and reliable emergency lighting. Utilizing a sturdy, all steel housing, the SLC presents a modern and unobtrusive design. On higher capacity models, the cabinet front is sloped to allow better internal access and superior 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 or PAR36 type heads, 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.

### MECHANICAL

- 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, PAR36 large style and die cast metal MR16 type
- Top head mounting is standard, side mount is optional

### CIRCUITRY

- 120/347VAC 60Hz Input, field selectable
- 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



### ORDERING GUIDE

Series	Voltage	Wattage	Battery	Head/Lamp	Lamp	Colour	Options <sup>†</sup>
<b>SLC</b>	<b>06</b> - 6VDC <b>12</b> - 12VDC <b>24</b> - 24VDC	See model rating below	<b>Blank</b> - Regular <b>HP</b> - High power factor	<b>0</b> - No Heads <b>1N</b> - One PAR18 <b>2N</b> - Two PAR18 <b>1L</b> - One PAR36 <b>2L</b> - Two PAR36	<b>1S</b> - One MR16 <b>2S</b> - Two MR16 <b>1M</b> - One MR16 <b>2M</b> - Two MR16	See lamp list below	<b>WH</b> - White (standard) <b>BK</b> - Black <b>GY</b> - Grey <b>WST</b> - Whist  <b>AT, TD*, LD, BD, V, A, ACTB, DCTB, FD4, RDS*, OBM, TLP, CT, TP, MTS, WG, IRT, IRC</b>

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

### LAMP SELECTION

	6 Volts	12 Volts	24 Volts
<b>PAR18 - Small head or LED Lamp</b>			
LED	3WLJ, 4WLJ, 5WLA	3WLJ, 4WLJ, 5WLA, 6WLA, 7WLA	4WLR, 5WLA, 6WLA, 7WLA
Quartz halogen	08WQ, 10WQ, 12WQ	08WQ, 10WQ, 12WQ	12WQ
Tungsten	09WT	09WT, 12WT, 18WT	09WT, 18WT
<b>MR16 - Small head c/w MR16 or LED Lamp</b>			
LED	4WLR, 5WLA	4WLR, 5WLA, 6WLA, 7WLA	4WLR, 5WLA, 6WLA, 7WLA
Quartz halogen	08WQ, 10WQ, 12Q, 20WQ	08WQ, 10WQ, 12WQ, 20WQ, 35WQ	10WQ, 12WQ, 20WQ
<b>PAR36 - Large head</b>			
Quartz halogen	08WQ, 10WQ, 12WQ, 20WQ	8WQ, 10WQ, 12WQ, 20WQ, 35WQ	12WQ, 20WQ
Tungsten	09WT, 18WT, 25WT	09WT, 18WT, 25WT	09WT, 18WT, 25WT
Quartz sealed beam	08WSBQ, 10WSBQ, 12WSBQ, 20WSBQ	08WSBQ, 12WSBQ	55WSBQ, 70WSBQ
Tungsten sealed beam	08WSBT, 09WSBT, 18WSBT	25WSBT	N/A

### MODEL RATINGS

Model	Voltage	Wattage capacities			
		30 min.	60 min.	90 min.	120 min.
<b>SLC-06160</b>	6V	160	80	53	40
<b>SLC-06180</b>	6V	180	90	60	45
<b>SLC-12160</b>	12V	160	80	53	40
<b>SLC-12200</b>	12V	200	100	66	50
<b>SLC-12250</b>	12V	250	125	83	62
<b>SLC-12360</b>	12V	360	180	120	90
<b>SLC-24144</b>	24V	144	72	48	36
<b>SLC-24200</b>	24V	200	100	66	50
<b>SLC-24320</b>	24V	320	160	106	80

**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.