# SLC

## STEEL BATTERY UNIT

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



Cabinet Type C

10.125" — 4.262" — 14.625" — 15.875" — 14.25"
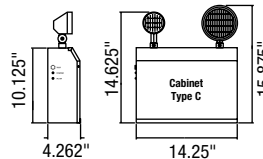
**Approvals:**
CSA Certified to C22.2 #141.15
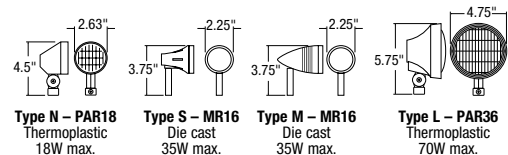
### DESCRIPTION

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



**Type N – PAR18**
Thermoplastic
18W max.
2.63" / 4.5"

**Type S – MR16**
Die cast
35W max.
2.25" / 3.75"

**Type M – MR16**
Die cast
35W max.
2.25" / 3.75"

**Type L – PAR36**
Thermoplastic
70W max.
4.75" / 5.75"

### ORDERING GUIDE

| SLC | | | | — | | | / | |

| Series | Voltage | Wattage | Battery | Head/Lamp | | Lamp | Colour | Options† |
|--------|---------|---------|---------|-----------|---|------|--------|----------|
| SLC | 06 - 6VDC<br>12 - 12VDC<br>24 - 24VDC | See model rating below | Blank - Regular<br>HP - High power factor | 0 - No Heads<br>1N - One PAR18<br>2N - Two PAR18<br>1L - One PAR36<br>2L - Two PAR36 | 1S - One MR16<br>2S - Two MR16<br>1M - One MR16<br>2M - Two MR16 | See lamp list below | WH - White (standard)<br>BK - Black<br>GY - Grey<br>WST - Whist | 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.

### LAMP SELECTION

| | 6 Volts | 12 Volts | 24 Volts |
|---|---------|----------|----------|
| **PAR18 - Small head or LED Lamp** | | | |
| 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 |
| **MR16 - Small head c/w MR16 or LED Lamp** | | | |
| LED | 4WLA, 5WLA | 4WLR, 5WLA, 6WLA, 7WLA | 4WLR, 5WLA, 6WLA, 7WLA |
| Quartz halogen | 08WQ, 10WQ, 12Q, 20WQ | 08WQ, 10WQ, 12WQ, 20WQ, 35WQ | 10WQ, 12WQ, 20WQ |
| **PAR36 - Large head** | | | |
| 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. |
| SLC-06160 | 6V | 160 | 80 | 53 | 40 |
| SLC-06180 | 6V | 180 | 90 | 60 | 45 |
| SLC-12160 | 12V | 160 | 80 | 53 | 40 |
| SLC-12200 | 12V | 200 | 100 | 66 | 50 |
| SLC-12250 | 12V | 250 | 125 | 83 | 62 |
| SLC-12360 | 12V | 360 | 180 | 120 | 90 |
| SLC-24144 | 24V | 144 | 72 | 48 | 36 |
| SLC-24200 | 24V | 200 | 100 | 66 | 50 |
| SLC-24320 | 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.