

Series Spec Sheet

SLA / SLB / SLC / SLD

STEEL BATTERY UNIT

The SLA/SLB/SLC/SLD series of commercial steel battery units is designed to provide efficient and reliable emergency lighting. Utilizing a sturdy, all steel housing, the SLA/SLB/SLC/SLD 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 SLA/SLB/SLC/SLD series is available in 6 V DC, 12 V DC and 24 V DC versions in a range of wattage capacities between 18 W and 720 W, 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 SLA/SLB/SLC/SLD can also accommodate a wide variety of options, including auto-testing self-diagnostics and remote testing.

FEATURES AND SPECIFICATIONS

• Circuitry

- 120/347 or 277 V AC, 60 Hz Input
- High efficiency, rapid recovery, precision control charging system
- 6 V DC, 12 V DC or 24 V DC emergency power output versions (as specified)
- Wattage capacities from 18 W to 720 W
- 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
- Load connection 72 W and above
- 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
- 120 V AC 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/MR16 small style, die cast metal MR16 type, and high output industrial type
- Top head mounting is standard, side mount is optional

• Compliances

- Certification CSA to C22.2 #141-15
- Meets requirements of ICES-005



OVERVIEW

| | |
|-----------------------|--------------|
| Input voltage (V AC) | 120/347, 277 |
| Output voltage (V DC) | 6, 12, 24 |
| Output power (W) | 18 - 720 |

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



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE ¹

| Part number | DC Volts (V DC) | Watts (W) | Nbr of heads | Head | Lamp (W) | Light source | Input Volts (V AC) | Color |
|----------------|--------------------|--------------|--------------|------|-------------|--------------|-----------------------|-------|
| SLA-1L | 6 | 27 | 2 | N | 2 | LED | 120/347 | White |
| SLA-2L | 6 | 36 | 2 | N | 2 | LED | 120/347 | White |
| SLA-3L | 6 | 36 | 2 | N | 3 | LED | 120/347 | White |
| SLA12-2L | 12 | 72 | 2 | N | 2.5 | LED | 120/347 | White |
| SLA06036-2N09T | 6 | 36 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLA12036-2N09T | 12 | 36 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLA12072-2N09T | 12 | 72 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLB06072-2N09T | 6 | 72 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLB12100-2N09T | 12 | 100 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLC12160-2N09T | 12 | 160 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLC12200-2N09T | 12 | 200 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLC12250-2N09T | 12 | 250 | 2 | N | 9 | Tungsten | 120/347 | White |
| SLC12360-2N09T | 12 | 360 | 2 | N | 9 | Tungsten | 120/347 | White |

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

ORDERING GUIDE

| Series | Volts (V DC) | Watts | Heads | Lamp type | Color | Input voltage (V AC) | Options |
|-------------------|-----------------|---------------------------|--|------------------------|--|----------------------------|---|
| SLA SLB SLC | 06 - 6 | See model rating below | 0 - No Heads 1N - One PAR18/MR16 2N - Two PAR18/MR16 | See lamp list below | WH - White (standard) BK - Black GY - Grey | Blank - 120/347 E - 277 | A, ACTB, AT, AUD ¹ , AUE, BD, DCTB, FD6, IRT, K5 ³ , LD, OBM, RFS, TD, TLP ² , TP, V |
| | 12 - 12 | | 1S - One MR16 2S - Two MR16 | | | | |
| SLC SLD | 24 - 24 | | 1M - One MR16 2M - Two MR16 1I - One industrial 2I - Two industrial | | | | |

¹ Only available with AT.

² Only available in 120 V AC.

³ Only available on SLA and SLB.

LAMP SELECTION

| | | 6 V | 12 V | 24 V |
|--|----------------|---------------|-------------------------|--------------------|
| PAR18 Small head or LED lamp | LED | 3LJ, 4LJ, 5LJ | 3LJ, 4LJ, 5LJ, 6LA, 7LA | 4LR, 5LA, 6LA, 7LA |
| | Quartz halogen | | 10Q, 12Q | 12Q |
| | Tungsten | 09T | 09T | 09T, 18T |
| MR16 Small head c/w MR16 or LED lamp | LED | 4LR, 5LA | 4LR, 5LA, 6LA, 7LA | 4LR, 5LA, 6LA, 7LA |
| | Quartz halogen | 10Q | 12Q, 20Q, 35Q | 12Q, 20Q |
| Industrial | LED | | 5LJ, 9LJ, 14LJ | 5LJ, 9LJ, 14LJ |

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.

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.

MODEL RATINGS

| Model | Volts (V) | Wattage capacities (W) | | | | Cabinet ¹ |
|----------|-----------|------------------------|---------|---------|----------|----------------------|
| | | 30 min. | 60 min. | 90 min. | 120 min. | |
| SLA06018 | 6 | 18 | 9 | N/A | N/A | 1 |
| SLA06036 | 6 | 36 | 18 | 12 | 9 | 1 |
| SLA06050 | 6 | 50 | 25 | 16 | 12 | 1 |
| SLB06072 | 6 | 72 | 36 | 24 | 18 | 2 |
| SLB06100 | 6 | 100 | 50 | 33 | 25 | 2 |
| SLC06160 | 6 | 160 | 80 | 53 | 40 | 3 |
| SLC06180 | 6 | 180 | 90 | 60 | 45 | 3 |
| SLA12036 | 12 | 36 | 18 | 12 | 9 | 1 |
| SLA12050 | 12 | 50 | 25 | 16 | 12 | 1 |
| SLA12072 | 12 | 72 | 36 | 24 | 18 | 1 |
| SLB12100 | 12 | 100 | 50 | 33 | 25 | 2 |
| SLC12160 | 12 | 160 | 80 | 53 | 40 | 3 |
| SLC12200 | 12 | 200 | 100 | 66 | 50 | 3 |
| SLC12250 | 12 | 250 | 125 | 83 | 62 | 4 |
| SLC12360 | 12 | 360 | 180 | 120 | 90 | 4 |
| SLC24144 | 24 | 144 | 72 | 48 | 36 | 3 |
| SLC24200 | 24 | 200 | 100 | 66 | 50 | 4 |
| SLC24320 | 24 | 320 | 160 | 160 | 80 | 4 |
| SLD24350 | 24 | 350 | 175 | 116 | 87 | 5 |
| SLD24550 | 24 | 550 | 275 | 183 | 137 | 5 |
| SLD24720 | 24 | 720 | 360 | 240 | 180 | 5 |

¹ The size of the cabinet might change depending of the chosen options.
Please consult with your factory representative regarding exact cabinet dimension information.

EMERGENCY LIGHTING OPTIONS

| Option | Description |
|-------------------|---------------------------------------|
| A | Ammeter |
| ACTB ¹ | AC Terminal Block |
| AT ² | Automatic test self-diagnostic |
| AUD ³ | Audible alarm |
| AUE | Audible emergency |
| BD | Battery Disconnect |
| DCTB | DC Terminal Block |
| FD6 | 6 Circuit Fused Internal Distribution |
| IRT | Infrared Remote Test |
| K5 | 1/2" Knockout for pendant mount |
| LD | Lamp disconnect (internal) |
| OBM | Octagon Box Mount (line cord delete) |
| RFS | Radio frequency suppression |
| TD | Time delay |
| TLP | Twist Lock Plug |
| TP | Tamper proof screws |
| V | Voltmeter |

¹ ACTB & TLP are incompatible together.

² AT features may overlap with the following options: V, TD, A & RFS. Contact customer service for more information.

³ Only available with AT.

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WIREGUARD¹

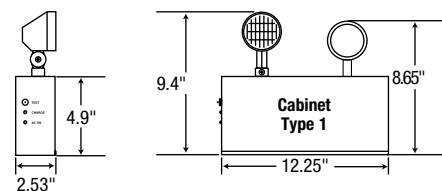
| | | Part number | Dimension (in) |
|---------------------------|-----------|-------------|-----------------------|
| Without head | Cabinet 1 | WGD520-V2 | 15.75 x 11.5 x 4.5 |
| | Cabinet 2 | WGD520-V2 | 15.75 x 11.5 x 4.5 |
| | Cabinet 3 | WGD590-V2 | 16.75 x 17.75 x 6.5 |
| | Cabinet 4 | WGD650-V2 | 17.75 x 17.75 x 16.50 |
| With head(s) ² | Cabinet 1 | WGD590-V2 | 16.75 x 17.75 x 6.5 |
| | Cabinet 2 | WGD590-V2 | 16.75 x 17.75 x 6.5 |
| | Cabinet 3 | WGD590-V2 | 16.75 x 17.75 x 6.5 |
| | Cabinet 4 | WGD650-V2 | 17.75 x 17.75 x 16.50 |

¹ Please contact your customer service representative for more information.

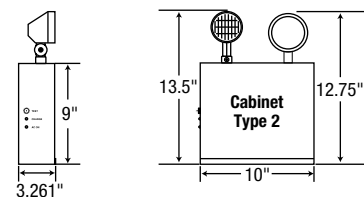
² For I heads, please contact your customer service representative for more information.

DIMENSIONS

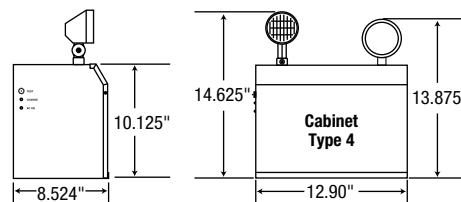
CABINET TYPE 1



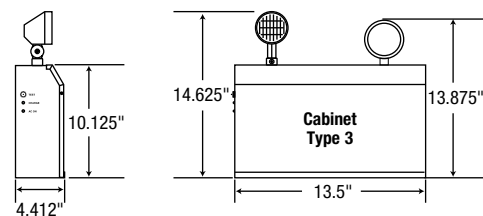
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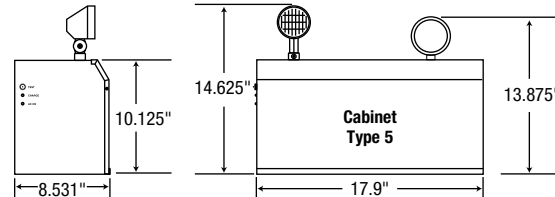
CABINET TYPE 4



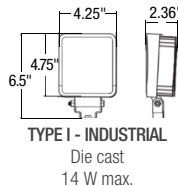
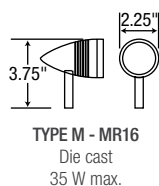
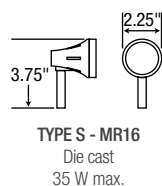
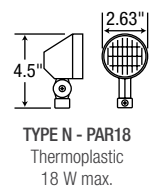
CABINET TYPE 3



CABINET TYPE 5



HEAD



SPACING GUIDE

| Mounting height | Spacing center to center (ft) | | | | | | | I HEAD | | |
|-----------------|-------------------------------|-----|-----|-----|-----|-----|-----|--------|-----|------|
| | 3LJ | 4LJ | 5LJ | 4LR | 5LA | 6LA | 7LA | 5 W | 9 W | 14 W |
| 8 ft | 78 | 83 | 118 | 76 | 81 | 94 | 108 | 113 | 165 | 199 |
| 10 ft | 75 | 76 | 118 | 79 | 79 | 93 | 106 | 110 | 160 | 194 |
| 15 ft | 66 | 68 | 104 | 66 | 62 | 82 | 96 | 99 | 147 | 178 |
| 20 ft | 53 | 53 | 91 | 53 | 49 | 73 | 87 | 86 | 133 | 164 |

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