

## 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** <sup>1</sup>

Part number	DC Volts	Watts	Nbr of heads	Head	Lamp	Light source	Input Volts	Color
	(V DC)	(W)					(W)	
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

<sup>1</sup> **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 12 - 12	See model rating below	<b>0</b> - No Heads <b>1N</b> - One PAR18/MR16 <b>2N</b> - Two PAR18/MR16 <b>1S</b> - One MR16 <b>2S</b> - Two MR16 <b>1M</b> - One MR16 <b>2M</b> - Two MR16 <b>1I</b> - One industrial <b>2I</b> - Two industrial	See lamp list below	<b>WH</b> - White (standard) <b>BK</b> - Black <b>GY</b> - Grey	<b>Blank</b> - 120/347 <b>E</b> - 277	<b>A, ACTB, AT, AUD<sup>1</sup>, AUE, BD, DCTB, FD6, IRT, K5<sup>3</sup>, LD, OBM, RFS, TD, TLP<sup>2</sup>, TP, V</b>
SLC SLD	24 - 24						

<sup>1</sup> Only available with AT.

<sup>2</sup> Only available in 120 V AC.

<sup>3</sup> Only available on SLA and SLB.

**LAMP SELECTION**

		6 V	12 V	24 V
<b>PAR18</b> 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
<b>MR16</b> 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
<b>Industrial</b>	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 <sup>1</sup>
		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

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

<sup>1</sup> ACTB & TLP are incompatible together.  
<sup>2</sup> AT features may overlap with the following options: V, TD, A & RFS. Contact customer service for more information.  
<sup>3</sup> Only available with AT.

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