

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 VDC, 12 VDC and 24 VDC 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 VAC, 60 Hz Input
- High efficiency, rapid recovery, precision control charging system
- 6 VDC, 12 VDC or 24 VDC 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 VAC 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

• Compliances

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



OVERVIEW

Input voltage (VAC)	120/347, 277
Output voltage (VDC)	6, 12, 24
Output power (W)	18 - 720



ICES
005



link
compatible



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE ¹

Part number	DC Volts (VDC)	Watts (W)	Nbr of heads	Head	Lamp (W)	Light source	Input Volts (VAC)	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 (VCC)	Watts	Heads	Lamp type	Color	Input voltage (VAC)	Options
SLA SLB SLC	06 - 6 12 - 12	See model rating below	0 - No Heads 1N - One PAR18 2N - Two PAR18 1S - One MR16 2S - Two MR16	See lamp list below	WH - White (standard) BK - Black GY - Grey	Blank - 120/347 E - 277	AT, AUD ¹ , AUE, ACTB, DCTB, TLP, LD, BD, V, A, RFS ² , OBM, CT, WGD, IRT, IRC, CB5, CB10, FD2, FD3, FD4, FD6, K5, MS, SMH, TD ² , TPX
SLC SLD	24 - 24		1M - One MR16 2M - Two MR16				

¹ Only available with AT.

² Specify AC voltage.

LAMP SELECTION

		6V	12V	24V
PAR18 Small head or LED lamp	LED	3LJ, 4LJ, 5LJ	3LJ, 4LJ, 5LJ, 6LA, 7LA	4LR, 5LA, 6LA, 7LA
	Quartz halogen	10Q	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

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
		30 min.	60 min.	90 min.	120 min.	
SLA06018	6	18	9	N/A	N/A	A
SLA06036	6	36	18	12	9	A
SLA06050	6	50	25	16	12	A
SLB06072	6	72	36	24	18	B
SLB06100	6	100	50	33	25	B
SLC06160	6	160	80	53	40	C
SLC06180	6	180	90	60	45	C
SLA12036	12	36	18	12	9	A
SLA12050	12	50	25	16	12	A
SLA12072	12	72	36	24	18	A
SLB12100	12	100	50	33	25	C
SLC12160	12	160	80	53	40	C
SLC12200	12	200	100	66	50	C
SLC12250	12	250	125	83	62	D
SLC12360	12	360	180	120	90	D
SLC24144	24	144	72	48	36	C
SLC24200	24	200	100	66	50	C
SLC24320	24	320	160	160	80	D
SLD24350	24	350	175	116	87	E
SLD24550	24	550	275	183	137	E
SLD24720	24	720	360	240	180	E

EMERGENCY LIGHTING OPTIONS

Option	Description
A	Ammeter
ACTB ¹	AC Terminal Block
AT ²	Automatic test Self-diagnostic
AUD ³	Audible diagnostic
AUE	Audible Emergency
BD	Battery Disconnect
CB5	Cable Extension 5'
CB10	Cable Extension 10'
CT	Remote Load Cab tire Set
DCTB	DC Terminal Block
FD2	2 Circuit Fused Internal Distribution
FD3	3 Circuit Fused Internal Distribution
FD4	4 Circuit Fused Internal Distribution
FD6	6 Circuit Fused Internal Distribution
IRC	Infrared Controller (sold separately)
IRT	Infrared Remote Test (specify AC voltage)
K5	1/2" Knockout for pendant mount
LD	Lamp Disconnect (internal)
MS	Mounting Shelf (separate order)
OBM	Octagon Box Mount (no line cord)
RFS	Radio Frequency Suppression (specify AC voltage)
SMH	Side Mounted Heads
TD ³	Time Delay (specify AC voltage)
TLP ¹	Twist Lock Plug (specify AC voltage)
TPX	Tamper Proof Torx Screw (Vandal Resistant Sign only)
V	Voltmeter
WGD	Wireguard (separate order)

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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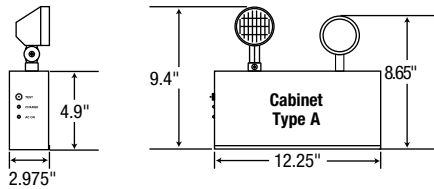
WIREGUARD ¹

		Part number	Dimension (in)
Without head	Cabinet A	WGD520	14x10x4.75
	Cabinet B	WGD520	14x10x4.75
	Cabinet C	WGD510	17.25x17.25x7
	Cabinet D	WGD650	13.75x12.25x16.5
With head(s)	Cabinet A	WGD590	15.25x14.25x6.75
	Cabinet B	WGD590	15.25x14.25x6.75
	Cabinet C	WGD510	17.25x17.25x7
	Cabinet D	WGD650	13.75x12.25x16.5

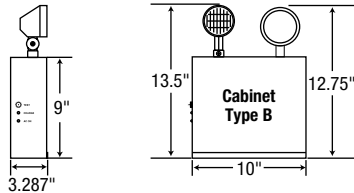
¹ Please contact your customer service representative for more information.

DIMENSIONS

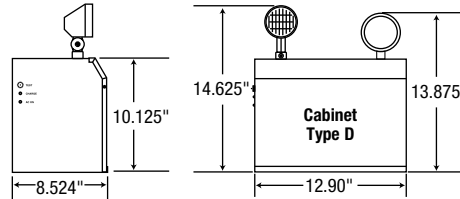
CABINET TYPE A



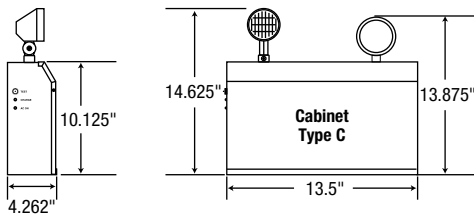
CABINET TYPE B



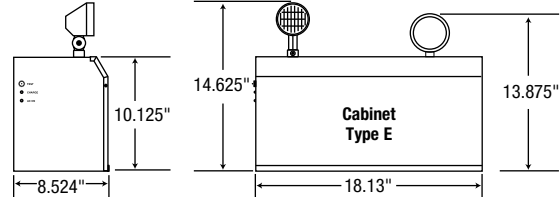
CABINET TYPE D



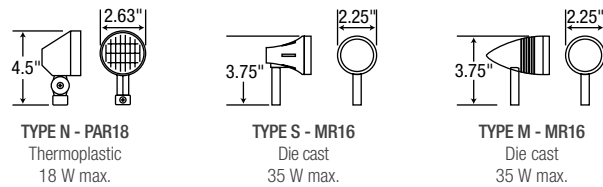
CABINET TYPE C



CABINET TYPE E



HEAD



SPACING GUIDE

Mounting height	Spacing center to center (ft)						
	3WLJ	4WLJ	5WLJ	4WLR	5WLA	6WLA	7WLA
8 ft	78	83	118	76	81	94	108
10 ft	75	76	118	79	79	93	106
15 ft	66	68	104	66	62	82	96
20 ft	53	53	91	53	49	73	87

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