

PROJECT:
DISTRIBUTOR:
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CONTRACTOR:

DATE:
TYPE:
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STANPRO

SPEC SHEET

FEATURES AND SPECIFICATIONS

ELECTRICAL AND CIRCUITRY

- 120/277/347 V AC 60 Hz Input, field selectable
- High efficiency, rapid recovery, precision control charging system
- Magnetic test switch
- Diagnostic/pilot LED
- Fully automatic, current limited, and temperature compensated charger
- Complete battery recharge in 24 hours
- Standard automatic-testing, self-diagnostic charger board

MECHANICAL

- Universal spider knockout pattern stamped into backplate for junction box mounting
- Fully gasketed reinforced polycarbonate housing - will not corrode or rust from water exposure
- Stainless steel tamper proof screws and bits
- Black or white finish
- Temperature code: T4A

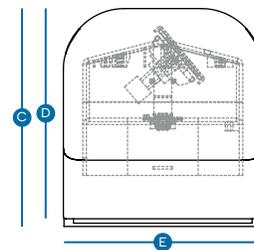
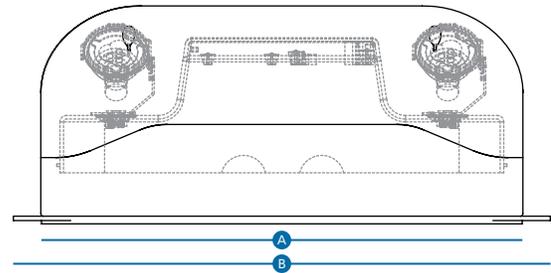
APPROVALS

- CSA Certified to C22.2 #141-15
- CSA Certified to C22.2 #137
- CSA Certified type 2, 3, 3R, 4, 4X, 5, 12 or 12K
- CSA Certified to NSF 2
- IP66
- IK10
- Class I, div 2, groups A, B, C, D
- Class II, div 2, groups F, G
- Class III, div 2
- According to provisions of the CEC the product may also be suitable for use in Zone 2, Groups IIA, IIB, IIC and/or Zone 22, Groups IIIA, IIIB

COMPLIANCE

- Meets requirements of ICES-005

TECHNICAL DRAWINGS



A	B	C	D	E
14 7/8" (37.80 cm)	16 5/8" (42.10 cm)	6 3/4" (17.10 cm)	6 1/2" (16.50 cm)	6 1/8" (15.60 cm)

* Please refer to the product web page to view detailed drawings by size.



ICES
005



SANITATION
NSF/ANSI 2

TYPICAL SPECIFICATION

Supply and install Stanpro SLBNX. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz constructed of durable polycarbonate housing and be HAZARDOUS LOCATION Class I, div 2, groups A, B, C, D Class II, div 2, groups F, G Class III, div 2, CSA listed to C22.2 141-15 Nema 2, 3, 3R, 4, 4X, 5, 12, 12K, NSF 2, IP66, IK10 and be ICES 005 compliant. The unit shall have an output of: ___V and ___W and come complete with (2) x ___ W LED heads producing (___) lumens each. The charge voltage factory set to ± 1% tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery at full voltage. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state of charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge. The Stanpro battery shall come complete with an auto diagnostic micro-controller board and shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The Stanpro battery unit shall come complete with the Auto Test function. The automated testing performed by the Stanpro auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements. The unit shall be Stanpro model: SLBNX _____

ORDERING GUIDE

SLBNX					AT	
Series	Volts (V)	Watts	Lamp Selection	Housing Color	Mandatory Options	Options
SLBNX	6 6 12 12	036 36, Ni-Cd 050 50, lead acid 072 72, lead acid 100 100, lead acid 130 130, lead acid	See lamp selection chart	BK Black WH White	AT Autotest	Blank Standard +10°C to +25°C CW1 ¹ Cold Weather at -40°C to +40°C

¹Only available with 6V 36W, 12V 36W and 12V 72W (Ni-Cd if ordered with CW1).

MODEL RATINGS

Model	Volts (V)	Wattage Capacities (W)			
		30 min.	60 min.	90 min.	120 min.
SLBNX6036	6	36	18	12	9
SLBNX6050	6	50	25	16.5	12.5
SLBNX6072	6	72	36	24	18
SLBNX6100	6	100	50	33	25
SLBNX6130	6	130	65	43	33
SLBNX1036	12	36	18	12	9
SLBNX1050	12	50	25	16.5	12.5
SLBNX1072	12	72	36	24	18
SLBNX1100	12	100	50	33	25
SLBNX1130	12	130	65	43	33

LAMP SELECTION

MR16 - Small head c/w MR16 or LED lamp	6 V	12 V
LED	4LR, 5LA	4LR, 5LA, 6LA, 7LA

LUMEN TABLE

Watts	Lumens
4W LR	388
5W LA	435
6W LA	507
7W LA	652

LEXAN GUARD

Mounting Type	Number of Heads	Model Number	Dimensions (in)
Wall Mount	2	PGD111	19.75 x 14 x 8

SPACING GUIDE

Mounting Height	Spacing Center to Center (ft)			
	4LR	5LA	6LA	7LA
8 ft	76	81	94	108
10 ft	79	79	93	106
15 ft	66	62	82	96
20 ft	53	49	73	87