

INDOOR

NOVA

6, 12 & 24V Steel Battery Units



2SR 2W, 3W UNIT

Project Name: _____ Model Number: _____

Prepared By: _____ Date: _____

FEATURES & BENEFITS

- Universal mounting plate for effortless installation
- OBM option for octagon box mount
- 6V, 12V or 24V up to 720W
- 120VAC removable line cord is supplied standard on voltages up to 6V on the 36W units, and up to 12V on the 72W units
- 18 gauge steel cabinet
- Available with or without lamps
- Utilizes a temperature compensated charger with low voltage disconnect protection
- CSA 22.2 No. 141-15 Performance Certified

BATTERY TECHNOLOGY

Designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 30 minutes (for the listed rating). Ni-Cd batteries are optional. Recharge time of the battery is 24 hours. The maximum battery operating temperature is +25°C and the minimum is +10°C. A +40°C operating temperature is available, please consult the factory.

BELUCE AUTO-TEST (AT) - OPTIONAL

The BeLuce auto-test system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 30 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability.

ORDERING GUIDE

NV - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

SERIES	OPERATION	CAPACITY	[9]HEADS	LAMP TYPE	AC VOLTAGE	[10]OPTIONS
NV	6 (Volt DC) 12 (Volt DC) 24 (Volt DC)	See model rating guide	0 (None) 1SR (Plastic, 1 head) 2SR (Plastic, 2 heads) 1BTMR (Metal, 1 head) 2BTMR (Metal, 2 heads) 1LR (PAR36, 1 head) 2LR (PAR36, 2 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO)	See lamp selection	120/347V 120/277V 347V 120V 120/277/347V	NC (Ni-Cd batteries - refer to page 3) CC (Custom colour - specify) [7]TLP (Twist lock plug - 120V only) [7]CT (Cabtire cord set - 120V or 347V only) [2]OBM (Octagon box mount) [3,7]LC (Line cord - 120V only) [11]AT (Auto-test self-diagnostics-specify voltage) [8]RFS (Radio frequency suppression) [6]IRT (Infra-red remote test) MS (Mounting shelf-refer to mounting shelf spec page) HHC (Hand held controller) SM (Side mount heads) [5]A (Ammeter) [1]TD (Time delay - specify 5, 10, 20 mins) LD (Lamp disconnect) WG (Wire guard-refer to wire guard spec page) [5]ACTB (Terminal block AC) [5]DCTB (Terminal block DC) BD (Battery disconnect) [11]CPS (Constant power supply - 120V only) ADA (Audible alarm) [4]FAI (Fire alarm interface - specify type) [5]FD5 (5 circuit fuse distribution) 120/277V (120/277V input) TP (Tamper proof screws) [5]V (Voltmeter) HT (High operating temperature) ZSP (Zone sensing panel) refer to Senso catalogue

NOTE: Small charger 120/277/347V used with 6V50W, 12V120W and below. Large charger 24V, 6V72W, 12V150W and above. [1]Single AC voltage must be specified; [2]No line cord with 6V36W, 12V72W and below; [3]Default line cord for 6V36W, 12V72W and below; [4]Specify open/closed/12-24 VDC. Open and close is available in 120V only; [5]Not available with 6V50W or 12V36W and below; [6]120V or 347V only; [7]CT and TLP not available with LC; [8]120V, 347V only. Not available for 6V50W, 12V72W and below; [9]Consult factory for 3 or more heads; [10]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; [11]AT & CPS are incompatible together.



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PRE-BUILT INVENTORY FOR QUICK SHIP

ORDERING CODE	SHORT DESCRIPTION	LONG DESCRIPTION
11501838	NV1272-2SR5WLED-120347V	NOVA STEEL BATTERY UNIT 12V 72W FOR 30 MIN 2 PAR18 HEADS 5W LED LAMPS WHITE FINISH 120347V INPUT
11502042	NV636-2SR5WLED-120347V	NOVA STEEL BATTERY UNIT 6V 36W FOR 30 MIN 2 PAR18 HEADS 5W LED LAMPS WHITE FINISH 120347V INPUT
11500122	NV636-2SR9W-120347V	NOVA STEEL BATTERY UNIT 6V 36W FOR 30 MIN 2 PAR18 HEADS 9W LAMPS WHITE FINISH 120347V INPUT
11503594	NV-627-2SR-2WLED	NOVA UNIT 6V 27W 2SR 2W LED HEADS 120347V INPUT
11503489	NV-636-2SR-2WLED	NOVA UNIT 6V 36W 2SR 2W LED HEADS 120347V INPUT
11503490	NV-636-2SR-3WLED	NOVA UNIT 6V 36W 2SR 3W LED HEADS 120347V INPUT

DIMENSIONS

FIGURE A

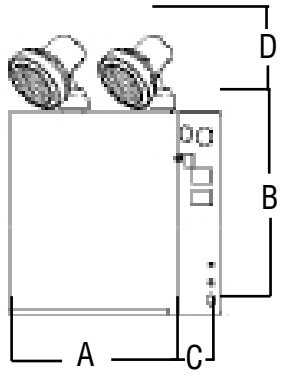
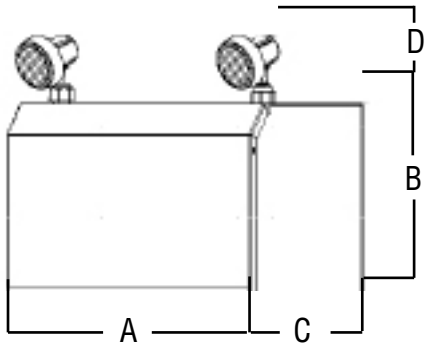


FIGURE B



UNIT SIZE	A	B	C	D	STEEL CABINET GAUGE	FIGURE
(6V 18-50W) (12V 36-72W)	12 1/4” (311mm)	5” (127mm)	3” (76mm)	will vary based on heads supplied	20	A
(6V 72-90W) (12V 100W)	10” (254mm)	9” (228mm)	3 1/4” (82mm)		20	A
(6V 100-180W)(12V 120-300W)(24V 144- 320W)	13 1/2” (343mm)	10 1/8” (257mm)	4 1/4” (108mm)		18	B
(12V 360W)	12 9/10” (328mm)	10 1/8” (257mm)	8 1/2” (217mm)		18	B
(24V 350-720W)	18 1/8” (460mm)	10 1/8” (257mm)	8 1/2” (216mm)		18	B

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

LAMP SELECTION

	6V	12V	24V
Composite Tungsten	9W	9, 12, 18W	9, 18W (PAR36 only)
Quartz (Q)	12W	12, 20 (55W, PAR36 only)	N/A
LED-MR16	5, 7W	2, 5, 7W	5, 7W
MR16*	N/A	50W	N/A
LED Module	2, 3, 4W	2.5, 3, 4W	N/A
TES	N/A	5, 9, 14, 30W	5, 9, 14, 30W
Sealed Beam LED (PAR36 only)	N/A	6W	6W

*MR16 not available in SR head.



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MODEL RATING GUIDE

MODEL	WATTAGE			
	30MIN	60MIN	90MIN	120MIN
NV-6-18	18	n/a	n/a	n/a
NV-6-36	36	18	12	10
NV-6-40	40	18	18	12
NV-6-50	50	25	18	15
NV-6-50-NC*	50	n/a	22	18
NV-6-72	72	36	27	22
NV-6-80	80	36	27	24
NV-6-90	90	36	36	27
NV-6-100	100	50	33	25
NV-6-100-NC*	100	n/a	42	35
NV-6-160	160	80	60	48
NV-6-180	180	120	72	54
NV-6-180-NC*	160	n/a	90	60
NV-12-36	36	36	24	20
NV-12-72	72	36	24	18
NV-12-90	90	50	36	27
NV-12-100-NC*	100	n/a	45	35
NV-12-120	120	50	65	36
NV-12-150	150	65	65	45
NV-12-180	180	80	72	54
NV-12-200-NC*	200	n/a	90	65
NV-12-200	200	100	72	60
NV-12-250	250	219	155	120
NV-12-360	360	233	164	130
NV-24-144	144	72	60	54
NV-24-180	180	72	72	65
NV-24-200-NC*	200	n/a	100	96
NV-24-320	320	160	136	108
NV-24-350	350	175	144	180
NV-24-550	550	438	220	235
NV-24-720	720	466	360	

*NiCad models available with 120/277/347V, 120V or 347V
It is recommended to load battery pack 20% under their maximum load.