



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
- Supplied with two top mounted small style 9W thermoplastic heads, other lamps available.
- 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

SERIES	OPERATION	CAPACITY	⁹ HEADS	LAMP TYPE	AC VOLTAGE	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) 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) 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. ¹Single AC voltage must be specified; ²No line cord with 6V36W, 12V72W and below; ³Default line cord for 6V36W, 12V72W and below; ⁴Specify open/closed/12-24 VDC. Open and close is available in 120V only; ⁵Not available with 6V50W or 12V36W and below; ⁶120V or 347V only; ⁷CT and TLP not available with LC; ⁸120V, 347V only. Not available for 6V50W, 12V72W and below; ⁹Consult factory for 3 or more heads.



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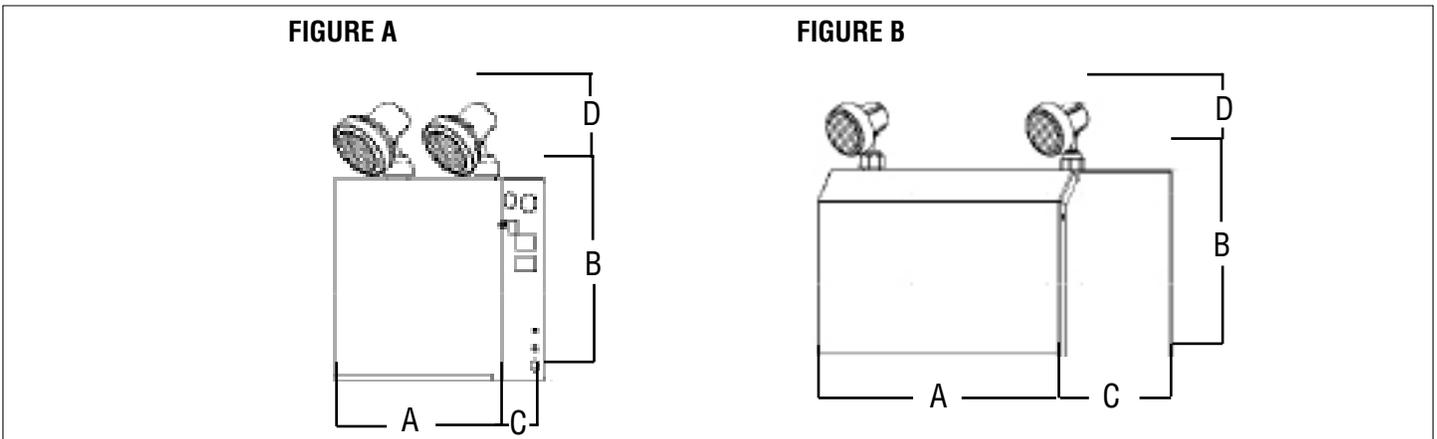
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PRE-BUILT INVENTORY FOR QUICK SHIP

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



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)	13" (330mm)	10 1/8" (257mm)	8 1/2" (216mm)		18	B
(24V 350-720W)	18 1/8" (460mm)	10 1/8" (257mm)	8 1/2" (216mm)		18	B

LAMP SELECTION

	6V	12V	24V
Composite Tungsten	7.2, 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	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-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	n/a	10
NV-12-72	72	36	27	22
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	108	75
NV-12-360	360	233	180	108
NV-24-144	144	72	60	43
NV-24-180	180	72	72	54
NV-24-200-NC*	200	n/a	100	65
NV-24-320	320	160	136	96
NV-24-350	350	175	144	108
NV-24-550	550	438	220	180
NV-24-720	720	466	360	235

*NiCad models available with 120/277/347V, 120V or 347V