



NOVA

6, 12 & 24V Steel Battery Units

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 12V 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 twenty-four [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.

BEGHELLI AUTO-TEST (AT) - OPTIONAL

The Beghelli 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	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) 2LR (PAR36, 2 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO)	See lamp selection	120/347 V 120/277 V	NC (Ni-Cd batteries, see guide) CC (Custom colour - specify) TLP (Twist lock plug - 120V only) CT (Cabtire cord set) ² OBM (Octagon box mount) LC (Line cord - 120V only) AT (Auto-test self- diagnostics) ¹ RFS (Radio frequency suppression) IRT (Infra-red remote test) MS (Mounting shelf) HHC (Hand held controller) SM (Side mount heads) A (Ammeter) ¹ TD (Time delay - specify 5, 10, 20 mins) LD (Lamp disconnect) WG (Wireguard) ACTB (Terminal block AC) DCTB (Terminal block DC) BD (Battery disconnect) ³ CPS (Constant power supply) ADA (Audible alarm) ⁴ FAI (Fire alarm interface - specify type) FD5 (5 circuit fuse distribution) 120/277V (120/277V input) TP (Tamper proof screws) V (Voltmeter) HT (High operating temperature) ⁵ ZSP (Zone sensing panel)

NOTE: For 120/277V units, please order option 6V180W, 12V360W, *Single AC voltage must be specified *No line cord *120V only *Specify open/closed/6-24 VDC
24V360W, not available with all options
⁵ZSP: qty of zones (2-4), 120 or 347V, max-see ZSP spec page for more details)

LAMP SELECTION

	6V	12V	24V
Composite Tungsten	7.2, 9W	9, 12, 18W	9, 18W (25 W, PAR36 only)
Composite Quartz (Q)	6, 8, 10, 12W	12, 20 (55W, PAR36 only)	N/A
LED-MR16	5, 7W	2, 5, 7W	5, 7W
MR16	N/A	20, 35, 50W	N/A
LED Module	3, 4W	3, 4W	N/A
TES	N/A	5, 9, 14, 30W	5, 9, 14, 30W
Sealed Beam (PAR36 only)	N/A	6W	6W

NOTE: MR16 max 12W in SR head



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DIMENSIONS

FIGURE A

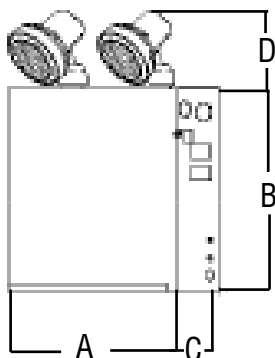
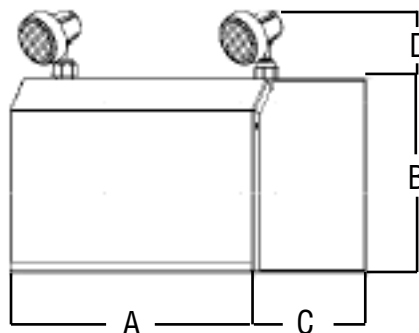


FIGURE B



UNIT SIZE	A	B	C	D	STEEL CABINET GAUGE	DRAWING
(6V 18-50W) (12V 36-72W)	12 1/4" (311mm)	5" (127mm)	3" (76mm)	will vary based on	20	A
(6V 72-90W) (12V 90W)	10" (254mm)	9" (228mm)	3 1/4" (82mm)	heads supplied	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

MODEL RATING GUIDE

MODEL	30MIN	VOLTAGE 90MIN	120MIN
NV-6-18	18	n/a	n/a
NV-6-36	36	12	10
NV-6-40	40	18	12
NV-6-50	50	18	15
NV-6-50-NC	50	22	18
NV-6-72	72	27	22
NV-6-80	80	27	24
NV-6-90	90	36	27
NV-6-100-NC	100	42	35
NV-6-160	160	60	48
NV-6-180	180	72	54
NV-6-180-NC	160	90	60
NV-12-36	36	n/a	10
NV-12-72	72	27	22
NV-12-90	90	36	27
NV-12-100-NC	100	45	35
NV-12-120	120	65	36
NV-12-150	150	65	45
NV-12-180	180	72	54
NV-12-200-NC	200	90	65
NV-12-200	200	72	60
NV-12-250	250	108	75
NV-12-360	360	180	108
NV-24-144	144	60	43
NV-24-180	180	72	54
NV-24-200-NC	200	100	65
NV-24-320	320	136	96
NV-24-350	360	144	108
NV-24-550	550	220	180
NV-24-720	720	360	235