

Nova Eco 6 & 12V Steel Battery Units

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

Universal mounting
plate for effortless
installation

2W, 2.5W, 3W LED

Input voltage: 120 or
347 VAC

20 gauge
steel cabinet



6V 27W capacity
(4+ hours, 2W x 2)

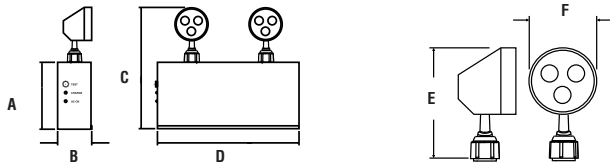
6V 36W capacity
(4+ hour, 2W x 2)

12V 72W capacity
(8+ hours, 2.5W x 2)

120VAC removable line
cord is supplied standard



DIMENSIONS



Unit Size	A	B	C	D	E	F
(6V 27W 36W) (12V 72W)	4.9" (125mm)	2.55" (65mm)	9.2" (234mm)	12.25" (311mm)	3.8" (96mm)	2.83" (72mm)

ORDERING INFORMATION

Series	Operation	Capacity (W)-	Heads	Lamp Type	Options
NVE	6 (Volt DC)	See model rating guide	2SRE (Plastic, 2 heads)	See lamp selection	E (120/277V Input)
	12 (Volt DC)				

EXAMPLE: NVE636-2SRE2WLED

DESCRIPTION: Nova Eco battery unit, 120/347V Input, 6VDC Output, 36W for 30 minutes 2 SRE, 2W LEDs

LAMP SELECTION:

	LED Module
6V	2, 3W LED
12V	2.5, 3W LED

LAMP HEAD FEATURES

The **NOVA ECO** series unit emergency lighting heads are supplied with two [2] top mounted small style 2W, 2.5W, or 3W thermoplastic heads.

BATTERY TECHNOLOGY

The **NOVA ECO** series is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 30 minutes (for the listed rating). Recharge time of the battery is twenty-four [24] hours. The maximum battery operating temperature is +25°C and the minimum is +10°C.

CHARGER SPECIFICATIONS

The **NOVA ECO** series utilizes an efficient one stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

EXTERNAL SPECIFICATIONS

The **NOVA ECO** series is constructed with an 20 gauge steel cabinet. Terminal connectors allow for larger gauge wires to be connected for remote loads. The universal mounting pattern stamped into the back of the unit allows for direct mounting to various conduit boxes. A 120VAC removable line cord is supplied standard on all sized units.

MECHANICAL SPECIFICATIONS

Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors. CSA 22.2 No. 141-15 Performance Certified.

MODEL RATING GUIDE

Model	Wattage Rating		
	30 Minutes	90 Minutes	120 Minutes
NVE-627	27	10	8
NVE-636	36	12	9
NVE-1272	72	24	18