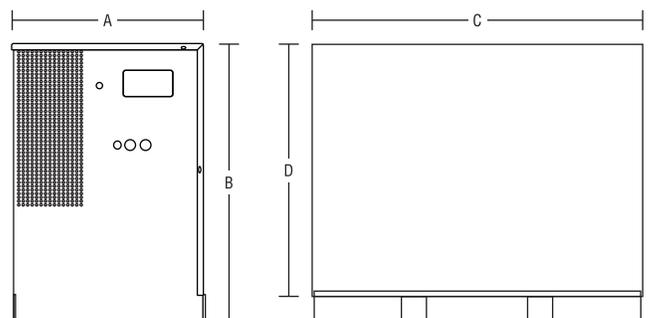


Job/Location: _____	Job Type: _____
Contractor: _____	Date: _____
Prepared By: _____	_____



### ■ specifications: internal

With the NOVA UAC-P (Pure Sine Wave), normally on lighting can be converted into emergency lighting in the event of a power failure. Often times, normal lighting will even provide greater illumination on the path of egress for added safety. Eliminate the need for stand alone emergency units and improve the aesthetics of the space using this alternative method of egress lighting. With the NOVA UAC-P providing output AC power, the DC line voltage drop concern of a battery pack is eliminated. The NOVA UAC-P Pure Sine Wave is suitable for fluorescent, incandescent, LED and most compact fluorescent lighting. The surge peak lighting load is 3000W for 0.5 seconds. Minimum 90 minute run time is standard.



### ■ specifications: external

**HOUSING:** The NOVA UAC-P is constructed with a durable 14 gauge steel housing. Stamped conduit knockouts are standard. An optional 120V removable line cord is offered on all NOVA UAC-P units. Loads are connected to sturdy terminal blocks. The NOVA UAC-P is supplied in a white powder coat finish. The NOVA UAC-P features ventilation management for efficient cooling and operation of the charging system. The NOVA UAC-P utilizes a high performance inverter allowing the units to be loaded to full capacity.

Series	A	B	C	D
NV-UAC-P-800W	15.25" (387mm)	22" (559mm)	26.25" (667mm)	20" (508mm)

### ■ optional accessories

Item	Description
100003100-032	Remote mounted converter for 277V

Converter will be built in a separate cabinet.

### ■ ordering logic

Series	Wattage	Voltage	Options
NV-UAC-P <sup>1</sup>	800W	120/120V	AT (autotest)
		120/277V	TD <sup>2</sup> (time delay- specify)
		277/277V	TLP (twist lock plug)
		277/120V	LC (line cord)
			CC (custom color- specify)
			FAI <sup>3</sup> (fire alarm interface- specify)

Not recommended for use with HID lighting.

**NOTE 1:** Freight not included for this item.

**NOTE 2:** Specify when ordering: 5, 10, 20 min. 10 min standard.

**NOTE 3:** Specify type: open/closed or dry contact.

**EXAMPLE:** NV-UAC-P-800W-120/277V-AT

**DESCRIPTION:** 800W, 120/277V, autotest

## ■ specifications: electrical

**BATTERY:** The NOVA UAC-P is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty-four [24] hours.

**CIRCUIT:** The NOVA UAC-P is supplied with a panel which displays the input system status and battery level. An audible alarm is standard that will sound to indicate if the battery voltage is low. In addition, the battery condition and any faults are communicated through the illuminated panel showing the real-time operational data and messages.

## ■ specifications: mechanical

The NOVA UAC-P is designed to be floor mounted in indoor installation environments. The unit is elevated on supports for flood protection and have anchor holes for secure mounting. The fully enclosed housing top offers added drip protection.

## ■ self-powered

Using the NOVA UAC-P to convert normally-on lighting into emergency lighting provides greater safety, savings and flexibility. There is the potential for greater illumination on the path of egress with general lighting. By making use of the general lighting you will save the cost of additional emergency lighting battery units and provide a more architecturally pleasing design. With AC power input and output, the installation will be more flexible and there will be no concern of voltage drop to the loads.

## ■ pure sine wave

True sine wave power is required to ensure there is no interruption in delivering emergency power. The pure sine wave system is compatible with all power supplies, LED drivers and lighting ballasts. The NOVA UAC-P is a standby IPS system with a transfer time of 10 milliseconds. Which is suitable for specified lighting loads under emergency backup.

## ■ autotest

The NOVA UAC-P is available with the Beghelli Autotest system that provides constant monitoring of the NOVA UAC-P. A red, green and orange LED will indicate utility, battery condition and fault status. The Beghelli Autotest system monitors the brownout protection, battery overload, battery condition and low voltage disconnect. Before the event of the end of run-time / low voltage disconnect, an audible alarm will sound. The Beghelli Autotest 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. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED.

## ■ warranty

**Unit:** 18 months from ship date, or 12 months from turn-on date; whichever comes first. Additional years can be added. Contact your Beghelli associate for more details.

**Battery:** 1-year full warranty; 9-years pro-rated.