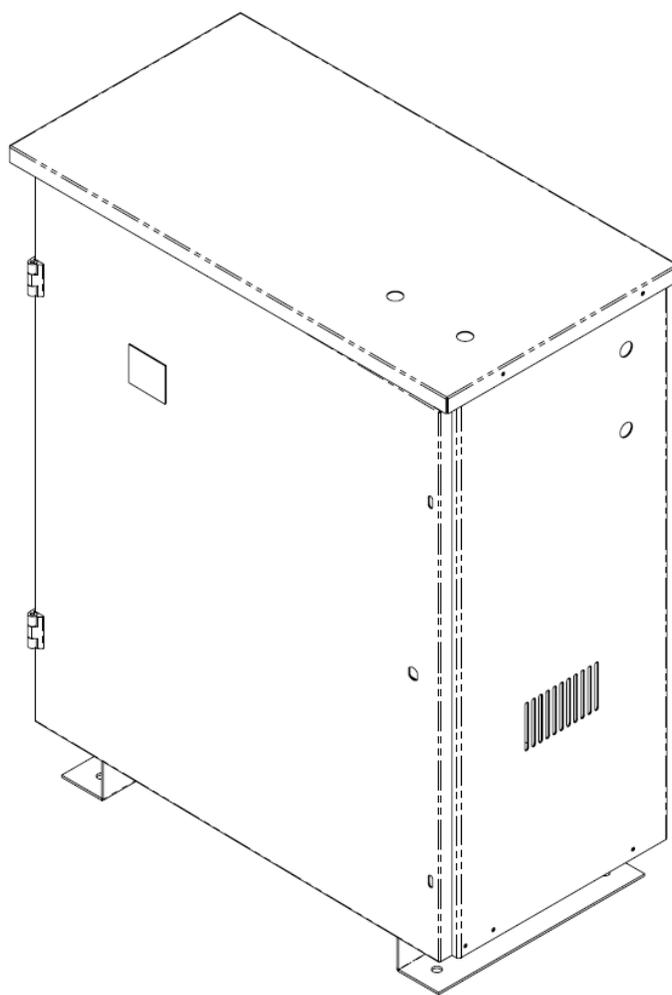


**550W - 1500W
EMERGENCY
LIGHTING INVERTER
UL924 LISTED**



INTRODUCTION

Emergency Lighting Inverter

eLITE Series Model ELN

The eLITE Series Model ELN is a UL 924 listed centralized emergency lighting inverter ranging from 550W to 1500W. It delivers uninterrupted, regulated sinewave power for normally-on and normally-off emergency lighting loads, supporting a wide range of lighting technologies and ensuring NFPA 101 compliant egress illumination. Available in 550W, 1000W, and 1500W models, the ELN supports LED, HID, high-pressure sodium, fluorescent, incandescent, halogen, and quartz lighting, making it suitable for a variety of life safety egress lighting applications. Each system includes an integral 90-minute battery for code-compliant emergency runtime, with optional accelerated charging for applications requiring runtimes greater than 90 minutes.

Key Features

Continuous, regulated sinewave output

For normally-on emergency lighting fixtures with standby (normally-off) output for emergency lighting that activates only during power loss.

Programmable timed “Normally-Off” bus

Enabling delayed activation or delayed return of emergency lighting.

Integral isolation transformer

For stabilized and isolated output voltage with flexible output breaker configurations.

Built-in status and alarm panel with system indicators

Remote communications via alarm contacts or RS-232 connection.

Integral 90-minute battery system

UL-approved battery models required for listing.

Front-access design for simplified service and installation, NEMA 2 enclosure (standard).

Optional accessories

Accelerated battery charger, Remote Annunciator, SNMP, TCP/IP and RS485 MODBUS remote communications options.

SPECIFICATIONS

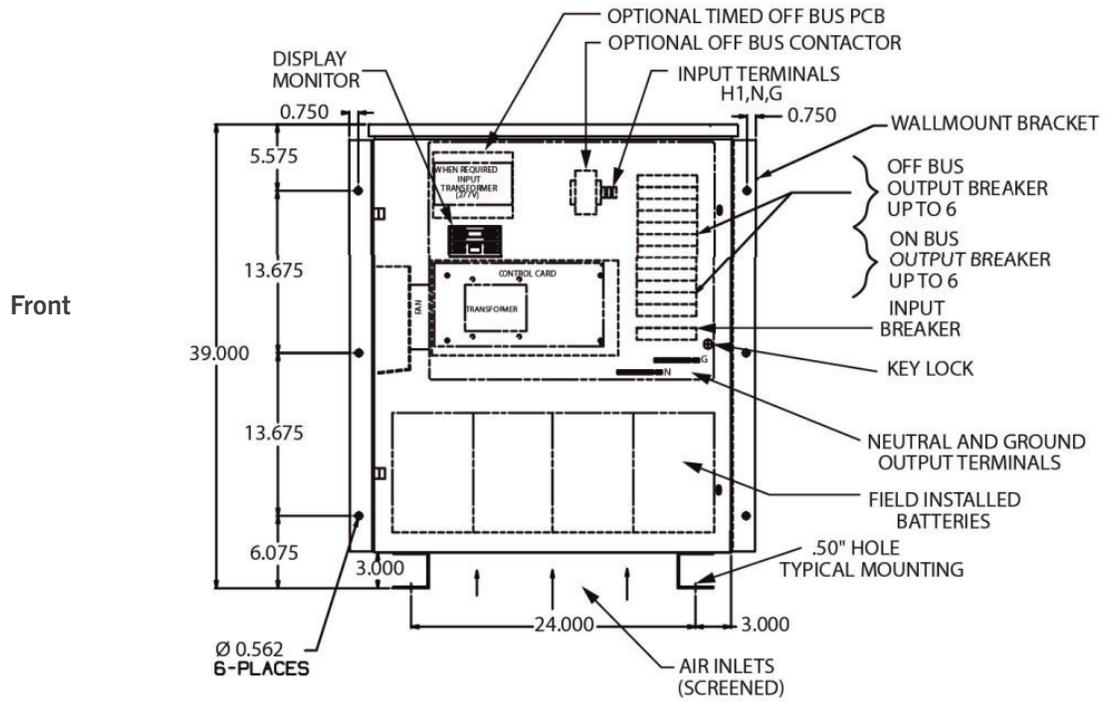
Electrical

Input	
Voltage Range	+10% to -15% of input nominal
Frequency	60Hz \pm 2.5Hz
Output	
Sinewave Voltage	Typical 5% harmonic distortion under full rated linear load
Power factor	Self-correcting to >0.95
Line voltage regulation	\pm 3%
Load regulation	Typically better than \pm 3%
Isolation	Galvanic isolation transformer built-in
Efficiency	89% typical
Breaker / Output Distribution Specifications	
550W models	1 standard output breaker
	Options: (1) monitored CB or (3) unmonitored CBs
1000W & 1500W models	3 standard output breakers
	Options: (3) monitored CBs or (6) unmonitored CBs

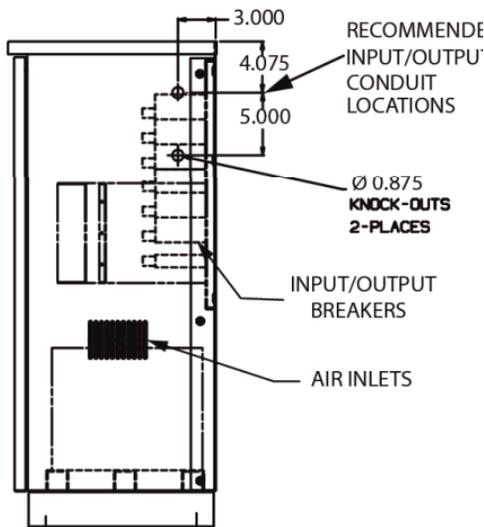
SPECIFICATIONS (CONT.)

Battery		
	Type	Valve-regulated, sealed lead acid (VRLA)
	Runtimes	90 minutes at rated output
	Optional runtimes	30 or 60 minutes (varies by model)
	Recharge Time	UL924, NFPA 101 compliant.
Safety		
	Certifications	UL 924 Listed - Emergency Lighting Equipment
		UL 924 Listed - Auxiliary Lighting and Power Equipment
		UL / cUL 1778
		NFPA 101, NFPA 111, NFPA 70 (NEC) compliant
		ANSI / IEEE C62.41 Category B3 surge protection
		FCC Article 15, J, Class A
Communication & Monitoring		
	Communication options	RS-232, remote alarm signals
		NetMinder CS141 adapters for Ethernet, SNMP, Modbus TCP/RS-485, email alerts, remote monitoring
		Remote annunciator panel supports system status & alarms (optional)

DRAWINGS



Right



Left

