

LITE-MINDER

Central Inverter System



**Peace Of Mind Never
Looked So Good!**



EVENLITE

LIFE SAFETY LIGHTING SOLUTIONS

(800) 872-0879

www.evenlite.com

The Lite-Minder: It Only Looks Simple

The Lite-Minder central inverter system is a sophisticated, versatile, and cost-effective unit that exceeds the features of any comparable system currently available on the market. It has been designed to give users unparalleled ease-of-use, with powerful functionality previously reserved for much larger, and more expensive central inverter systems.

With a sleek, compact housing, the Lite-Minder can be installed in virtually any location. An optional wall mounting bracket provides for increased versatility. The unit is self-contained and self-sufficient by means of the automatic testing system and record logs.

Rated up to 525 Watts, the Lite-Minder produces a high quality, utility grade sine wave, ensuring that the fixtures you need in an emergency will operate with no loss of light. Additionally, the very high overload and lightning-fast transfer time ensures that any type of illumination technology can be employed in the lighting design.



"Buy America Compliant"



The Lite-Minder's Innovative Features:

- Pure sine wave output — compatible with all lighting loads
- An interactive LCD display for easy access to information
- Programmable settings allowing you to personalize the system to your needs
- Very high, 4X overload rating ensures that even the most demanding loads will start up
- Three distinct output types for field flexibility
- Self-Diagnostics that retain critical data logs, saving you time and money



LITE-MINDER

The Powerful User Interface Sets the Lite-Minder Apart

The Lite-Minder features an intuitive LCD display that enables you and code enforcement professionals to easily access critical information about your lighting system. This versatile device can also be programmed to suit your particular emergency lighting needs.

When the Lite-Minder is not needed, it maintains itself in standby mode, charging its batteries within 24 hours and completing automatic Self-Tests and Self-Diagnostics.

In the event of an emergency power outage, the Lite-Minder will supply designated fixtures with 100% pure sine wave output, ensuring no loss of light intensity.

You can manually test the fixtures supplied by the Lite-Minder. If a problem is detected, the system will alert you.

For ultimate energy savings and convenience, lighting loads can be switched on and off. This feature, plus user programmable Variable Time Delay makes the Maintained Output a very powerful tool for solving lighting applications.



The scrolling LCD display provides eight points of critical system status events, including:

- Fault Status
- Output Voltage
- Output Current
- Battery Voltage
- Date and Time Stamp
- Number of days the system has been activated
- Number of times the system has transferred to battery power
- Number of minutes the system has run on battery power

Scroll buttons take you through the Lite-Minder's various functions, allowing you to record up to 128 event records. The Lite-Minder's "first in, first out" overwrite features ensure you always have the most up-to-date information.

The Lite-Minder's menus give you and code enforcement professionals easy access to the critical information needed.

Menus are:
METER • ALARM • EVENT LOG • SETUP

Event logs are time and date stamped. The Alarm Menu displays up to thirteen fault causes for easy identification and resolve.

The Lite-Minder is designed to perform automatic, monthly Self-Test and Self-Diagnostics. If you require an additional test to demonstrate code compliance, you may do so as needed.

To return to a previous menu, simply press the ESC button.

Specifications

INPUT

Voltage:	120 or 277 VAC model dependent
Current:	5.8A (120V), 2.5A (277V) for 525 Watt Model 4.2A (120V), 1.8A (277V) for 325 Watt Model
Frequency:	60Hz +/- 2 Hz
Protection:	Input Circuit breaker with fast acting KLK fuse in series for easy Selective Coordination to upstream feed breaker
Power Factor:	0.5 lead to 0.5 lag

OUTPUT

Voltage:	120 or 277 VAC model dependent
Current:	4.38A (120V), 1.9A (277V) for 525 Watt Model 2.7A (120V), 1.17A (277V) for 325 Watt Model
Frequency:	60Hz +/- 0.02 Hz crystal controlled during emergency mode
Overload:	120 percent for 10 minutes, 400 percent for 200 msec
Transfer Time:	<2 msec as standard or can be factory adjusted
Output Distortion:	Less than 3% THD
Crest Factor:	4 for 525W Model, 6.5 for 325W Model
Load Power Factor:	0.5 lead to 0.5 lag
Protection:	Optional circuit breakers
Output Types:	Normally On, Normally Off and Maintained Outputs

BATTERY

Type:	Valve-Regulated sealed lead-calcium. Upgrade options available
Charger:	3 rate with Temperature Compensation
Recharge Time:	24 Hour recharge standard
Runtime:	90 Minutes, Initial margin of 125 percent at 25 deg. C
Protection:	Automatic Low Voltage Disconnect (LVD) set at 1.67 VPC Automatic restart upon utility return
DC Voltage:	24 VDC Nominal, 2.27 VPC float, temperature compensated
DC Current:	24 ADC Nominal

ENVIRONMENTAL

Operating Temp:	20 to 30 degrees Centigrade
Storage Temp:	- 20 to 70 degrees Centigrade (Electronics) 0 to 40 degrees Centigrade (Batteries)
Relative Humidity:	<95 % (non-condensing)

PHYSICAL

Cabinet:	NEMA Type 1 enclosure, 16 AWG powder painted CRS, 16" W x 17.72" H x 12.5" D
Cooling:	Natural Convection —No fans

Lite-Minder: An Elegant Solution

When it comes to central inverter systems, this compact powerhouse sets the industry standard. Lightning fast transfer during emergencies means you get light where you want it, when you need it.

Thoughtfully designed multi-function display is clean, simple and intuitive, so ease of use is built right in.



For more information on the Lite-Minder, or to learn more about our other versatile inverter systems and find a representative in your area, visit us at www.Eventlite.com or contact us at 800-872-0879.

About Eventlite

Since 1993, Eventlite Inc. has designed, manufactured, and marketed emergency lighting products for discerning customers worldwide. Beginning with our patented use of LED technology, Eventlite has consistently led the market with innovative products that deliver unparalleled performance and a sophisticated aesthetic.

Today, Eventlite continues to develop new ways to provide its customers with sustainable products that enhance the beauty of their projects.

Explore Our Complete Line of Pure Wave Products

Pure Wave MINI

The Pure Wave MINI packs exceptional functionality into a compact housing. Generating a pure sine wave output, this unit is LED compatible and features code-compliant Self-Testing and Self-Diagnostics capabilities.



Pure Wave RECESSED

The Pure Wave recessing frame allows for the PWT Mini to be recessed into a standard wall cavity in areas where low profile functionality is required.



Pure Wave T-LINE

The Pure Wave T-LINE provides all the features of the Pure Wave Mini in a compact T-bar recessed housing for an unobtrusive unit that blends into its surroundings.



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