

Low Capacity Mini Inverter Series

Interruptible unit equipment 32W or 55W



Construction

- Heavy-duty steel cabinet
- White baked on powder paint coating provides scratch and corrosion resistance

Mounting

- Surface mount
- Recessed T-bar (plenum rated)

Lamp types operated

- LED
- Incandescent
- Fluorescent
- Operates switched, normally-on or normally-off fixture types, incandescent
- LED, fluorescent and ballast combinations, including triac dimmable ballasts¹

Load capacity

- 32W & 55W
- Allows for remote mounting of the emergency fixtures at distances of up to 1000 feet
- May accept load when load feature power factor range from 0.44 lead to 0.44 lag

Electronics

- Pure sine wave inverter
- Temperature compensated charger
- Low battery voltage disconnect
- Unit comes standard with electronic lockout and brownout circuits

Controls

- Control panel with momentary test switch, AC-On, Charger-On and
- Inverter-On LED indicators
- Sealed maintenance-free battery
- 12V oversized valve regulated lead-calcium (VRLA) battery
- Provides 90 minutes of emergency operation

Power requirements

- Choice of voltage: 120V in/120V out or 277V in/277V out operation, 60Hz

Approvals

- UL 924 Standard
- Meets or exceeds all National Electric Codes and Life Safety Code
- Emergency lighting requirements

Warranty (subject to proper installation and maintenance)

- Unit has a three year full warranty
- Battery has a three-year full, plus an additional three year pro-rata warranty

Detailed warranty terms located on **page 197** or **online at: www.lightalarms.com**



¹ When using hi-bay fixtures or screw-in type LED lamps, consult the factory.

Specifications

Transfer time	Voltage regulation on emergency	Frequency regulation on emergency	Load power factor range	Operating temperature
Less than 1 second	+/- 5%	60 Hz +/- 0.5%	0.44 lead to 0.44 lag	68° to 86°F (20° to 30°C)

Electrical characteristics and dimensions

System type	Power rating	Sine wave	Installation	Cabinet dimensions			Number of battery	Weight
				W"	H"	D"		120V & 277V
LMILC32-S	32W/VA	Pure	Surface mount	14-3/4"	6-7/8"	3-1/8"	1	14 lbs
LMILC32-T	32W/VA	Pure	Recessed T-bar	23-7/8"	6-1/4"	4"	1	15 lbs
LMILC55-S	55W/VA	Pure	Surface mount	14-3/4"	6-7/8"	4-3/8"	1	18 lbs
LMILC55-T	55W/VA	Pure	Recessed T-bar	23-7/8"	6-1/4"	4"	1	19 lbs

Note: For wiring diagram, please refer to instruction sheets.

Power consumption and unit rating

Model number	Input rating	Emergency power available for load (90min)
LMILC32	41W/VA	32W
LMILC55	64W/VA	55W

Ordering format

Series	Capacity	Voltage in/out	Battery type	Mounting
LMILC	32 = 32W/VA 55 = 55W/VA	Blank = 120/277VAC	Blank = Lead-Calcium	-S = Surface mount housing -T = Plenum rated ceiling T-grid mount housing

Example: LMILC32-S