

Low Capacity Mini Inverter Series

Interruptible unit equipment



Housing

- 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 (excluding lamps and fuses).
 - Battery has a three-year full, plus an additional three year pro-rata warranty
- Detailed warranty terms located on page 202 or online at: www.emergi-lite.com/usa/files/EL_Warranty.pdf

All Emergi-Lite® inverter products receive 100% quality inspection before shipment to insure proper and satisfactory operation.

¹When using Hi-Bay fixtures or screw in type lamps, please consult the factory.

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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)

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Electrical characteristics and dimensions

System type	Power rating	Sine wave	Installation	Cabinet dimensions			No. of battery	Weight 120V & 277V
				Width	Height	Depth		
EMILC32-S	32W/VA	Yes	Surface mount	14-3/4"	6-7/8"	3-1/8"	1	14 lbs
EMILC32-T	32W/VA	Yes	T-grid mount	23-7/8"	6-1/4"	4"	1	15 lbs
EMILC55-S	55W/VA	Yes	Surface mount	14-3/4"	6-7/8"	4-3/8"	1	18 lbs
EMILC55-T	55W/VA	Yes	T-grid mount	23-7/8"	6-1/4"	4"	1	19 lbs

NOTE: For wiring diagram, please refer to the specification sheets

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Power consumption and unit rating

Model number	Input rating	Emergency power available for load (90min)
EMILC32	41VA	32W
EMILC55	64VA	55W

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How to order

Series	Capacity	Voltage	Battery type	Mounting
EMILC	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: EMILC32-S