



Catalog # : _____ Project : _____

Prepared By : _____ Date : _____

ELI

Indoor Standby Emergency Light Inverter



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FEATURES & SPECIFICATIONS

Construction

- Housing constructed of heavy gauge steel with a durable white powdercoat finish.
- Small footprint housing with surface mount, recessed mount, and T-Grid mounting options available.
- Visual operating status monitoring panel on the front of the unit that includes a manual test switch.

Electrical

Input:

- 120/277VAC at 60Hz input
- Input connectors will accommodate up to 12AWG wire
- Input surge protection with standard AC input line fuses

Output:

- 120/277VAC at 60Hz output
- Standby design is $\geq 99\%$ efficient at 100% linear load
- Output connectors will accommodate up to 12AWG wire
- Output short circuit and overload protection with line and inverter fuses

Battery

- Maintenance Free, Sealed, Lead Calcium Industrial Batteries (24VDC)
- Operating Temperatures 20°C - 30°C (68°F - 86°F)
- A solid state low voltage disconnect circuit is used to prevent the battery from damage by a deep discharge.
- Transfer time is less than 1 second.
- Battery charger maximum power consumption of 15W for ELI 55/125 and ELI 110/125 models and 30W for ELI 110/250 and ELI 220/250 models. (All models 2.5W standby)
- Brownout protection automatically switches to emergency mode when utility voltage is significantly reduced.

Installation

- Standard surface mount option uses provided keyhole slots in back of the housing to mount to a wall.
- Recessed mounting option is available on the ELI 55/125 and ELI 110/125 model only and provides mounting holes on both sides of the enclosure.
- T-Grid mounting option is available on the

- ELI 55/125 and ELI 110/125 model only for easy drop in installation between T-Grid runs. (Requires safety wires to attach to building structure - supplied by other)
- Units may be installed up to 1,000 feet from controlled fixture.
- Relative Humidity - 95% non-condensing.
- Barometric pressure of up to 10,000 feet above sea level.

Warranty

- 1 year warranty on all electronics and housing.
- Separate 3 year pro-rated warranty on the battery.

Listings

- UL 924
- NFPA 101
- NEC - NFPA 70
- OSHA
- Plenum Rated T-Grid model





ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: **ELI 55/125 SM**

| Prefix | Capacity | Options |
|---|--|--|
| ELI - Indoor Standby Emergency Light Inverter | 55/125 - 55 Watts/125VA 110/125 - 110 Watts/125VA 110/250 - 110 Watts/250VA 220/250 - 220 Watts/250VA | SM - Surface Mounting RM¹ - Recessed Mounting TM¹ - T-Grid Mounting 4CS - 4 Output Circuit Switching TS - Test Switch |

1 - Available with ELI 55/125 and ELI 110/125 only

PERFORMANCE

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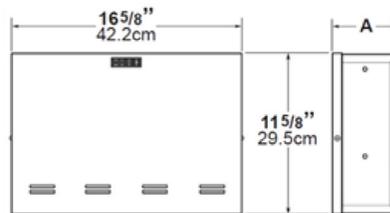
| Model (Watts/VA) | Number of Batteries | Battery Voltage (VDC) | Battery Current (Amps) | AC Input Current | | Thermal Output (BTU) | | Weight Including Batteries (lbs) |
|------------------|---------------------|-----------------------|------------------------|------------------|--------------|----------------------|-----------|----------------------------------|
| | | | | 120VAC (Max) | 277VAC (Max) | On-Line | Emergency | |
| 55/125 | 2 | 24 | 3.4 | 1.2 | 0.52 | 9 | 90 | 32 |
| 110/125 | 2 | 24 | 5.7 | 1.2 | 0.52 | 9 | 95 | 38 |
| 110/250 | 4 | 48 | 3.3 | 2.4 | 1.1 | 18 | 163 | 47 |
| 220/250 | 4 | 48 | 5.6 | 2.4 | 1.1 | 18 | 167 | 60 |

PRODUCT DIMENSIONS

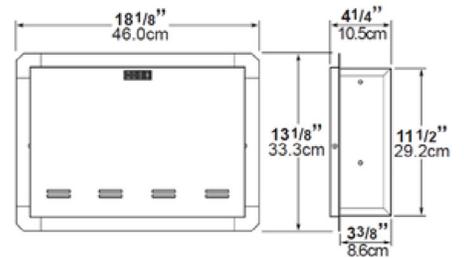
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| Models | Depth Dimension "A" |
|--------------------------|---------------------|
| ELI 55/125, ELI 110/125 | 4.25" (10.8cm) |
| ELI 110/250, ELI 220/250 | 6.25" (15.9cm) |

Standard Mounting (Surface)



Optional Recessed Mounting (Option: RM)



Optional Ceiling T-Grid Mounting (Option: TM)

