

DATE:

PROJECT

COMMENTS:



## FEATURES

- Compatible with all lighting loads including LED
- Unique output overload designed to withstand initial load inrush up to 250%
- Smart self-diagnostic circuit standard
- Industry leading power-up diagnostics to check for installation wiring errors
- Three separate outputs for field flexibility
- UL listed 90 minute run-time
- Low battery indicator
- No factory start-up required
- Optional mounting configurations for recessed and grid applications
- Optional time delay for HID applications
- Optional infra-red receiver for remote testing
- Optional sonic alarm
- RT Optional includes buzzer, IR receiver, test buttons and SD indicator

## SEISMIC CERTIFIED

- Optional Zone 4 Seismic Restraints are shaker table tested and seismic certified to the latest California Building Code (CBC) 2016
- The shake table testing was performed in accordance with International Code Council- Evaluation Service Acceptance Criteria 156 (ICC-ES AC156)
- OSHPD (California Office of Statewide Health Planning and Development) Special Seismic Certification Pending



## ORDERING INFORMATION *IMI-125-LC-V1-MB*

1. SERIES	2. VA RATING	3. BATTERY TYPE	5. INPUT/OUTPUT	6. MOUNTING
IMI	-	LC	-	-
	125 125VA 250 250VA*	LC Lead Calcium	V1 120 V Input / 120 V Output V2 277 V Input / 277 V Output	MB Back Mount MCG Ceiling Grid Mount MRW Recessed Wall Mount

## 7. OPTIONS

### BLANK = NO OPTION

SR Self-Diagnostics + IR Remote Testing Receiver  
EB Extended Run Time (2H Runtime)\*

AA Audible Alarm (Buzzer)

CL Canada Listed

RT Remote Diagnostic Status Display Panel

Z4 Seismic Zone 4 Restraints

TD Time Delay - 120/277 VAC (15 min)

## ORDERING NOTES

- 250VA only comes in MB Option
- Capacity reduced to 100 watts and 200 watts

**INPUT**

- Frequency: 60Hz +/- 2 Hz
- Voltage: 120 or 277 VAC Model dependent
- Current IMI-120: 1.4A (120V), 0.6A (277V)
- Current IMI-250: 2.7A (120V), 1.2 (277V)

**OUTPUT**

- Frequency: 60Hz +/- 0.02 Hz crystal controlled during emergency mode
- Voltage: 120 or 277 VAC Model dependent
- Current IMI-120: 1.04A (120V), 0.45A (277V)
- Current IMI-250: 2.08A (120V), 0.9A (277V)
- Overload: 110% will generate overload fault
- Transfer Time: 50 msec
- Output Distortion: Less than 3% THD

- Crest Factor: >2.5
- Load Power Factor: 0.5 lead to 0.5 lag
- Output types: Normally On, Normally off, and Switched

**NOTE**

- Due to power factor calculations, we recommend only loading the IMI inverter to 85% of load wattage/VA. Weight

**WEIGHT**

- IMI-125: 32 lbs
- IMI-250: 63 lbs

**TEMPERATURE RATING**

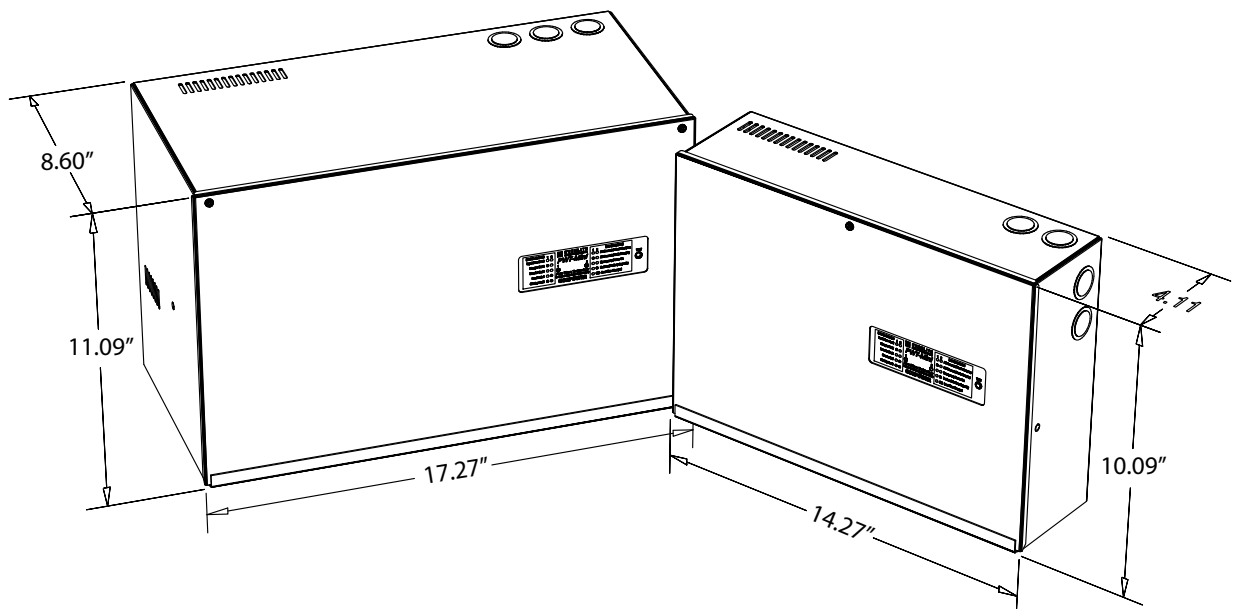
- From 68°F to 86°F

**APPROVALS**

- UL924
- OSHPD Seismic Certified (with Z4 option)
- New York City approved, Calendar Number 51575
- NFPA101 Life Safety Code
- NFPA70-NEC
- OSHA
- NEMA Type 1 enclosure

**WARRANTY**

- Isolite warrants the IMI Series electronics assembly against defects in material and workmanship for a period of 3 years
- Isolite warrants the lead calcium batteries for 1 year full and 9 years pro-rata limited. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website

**DIMENSIONS**




## FEATURES

- Allows the user to fully monitor the status of the IMI Series pure sine wave inverter from a remote location.
- Full system status display, including infrared receiver, test buttons, self-diagnostic LED Indicators, buzzer and system status LED's
- Easy to read and distinguish from other equipment monitors
- Remote Test Monitor can be used with the TLRT infrared hand held remote option for ease of on demand testing.
- Remote display installs easily in a standard switch box.
- Quick interconnect from inverter to remote test panel with Cat. 5 cable (not provided).
- RJ 45 connection points provided on inverter and remote test display pc board.
- Remote Test Display can be mounted up to 50' from the inverter, consult factory for greater distances.
- Suitable for wall or ceiling mounting

## DIMENSIONS

