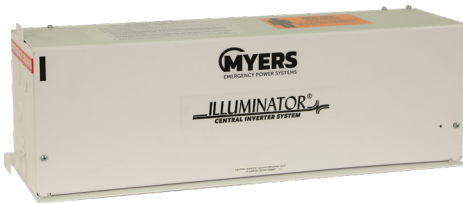


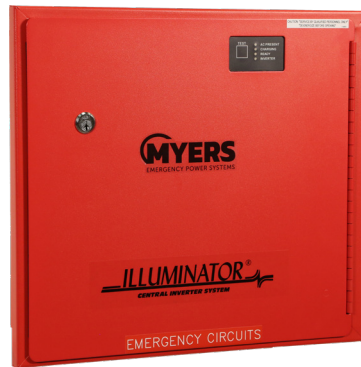
## ILLUMINATOR LVM

Emergency Lighting Inverter System

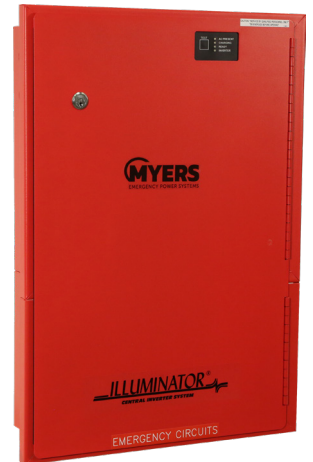
Single Phase Systems 110VA/W and 225VA/W  
Ships Within 5 Days



110VA or 225VA  
Grid Mount (Plenum Rated)



110VA  
Wall or Recess Mount



225VA  
Wall or Recess Mount

### STANDARD FEATURES

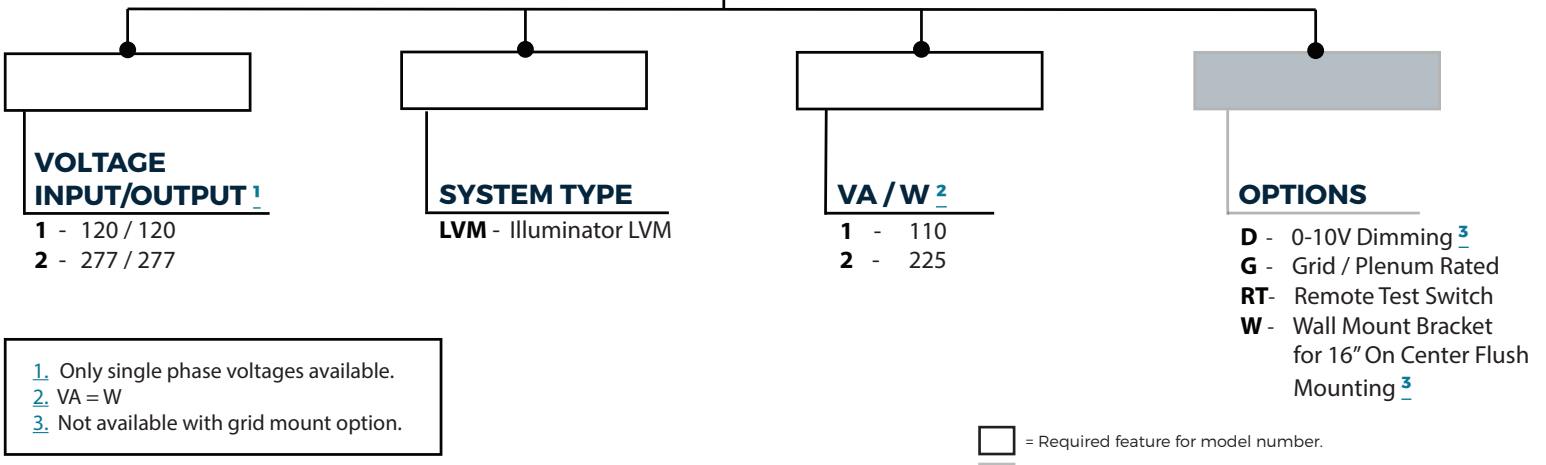
- 120V or 277V Models Available
- UL 924 Listed
- High Efficiency System
- 90 Minute Run Time
- Compatible with Incandescent, Fluorescent, LED & Quartz
- Typical Transfer Time 4ms
- Red Cabinets for Wall & Recess Units
- White Cabinets for Grid Mount Units
- Convection Cooled; No Fans Required
- VRLA Sealed Batteries
- Indicator Lights & Test Switch
- Summary Fault Form C Dry Contacts
- Normally On and Switched or Normally Off Output
- UL 924 Self-Testing & Self-Diagnostics
- High Crest Factor and Inrush Capabilities
- Pure Sine Wave

### SPECIFICATIONS

- Input Voltage: 120VAC or 277VAC; 1-Phase, 2-Wire Plus Ground +10% to -15%
- Output Voltage: 1 Phase, 2-Wire Plus Ground (Will Match Input Feed)
- Load Power Factor 0.5 Lagging to 0.5 Leading
- Output Voltage Distortion Less than 10% for Resistive Loads
- 3.5 Crest Factor
- Compatible with Generators (10x Inverter Size Minimum)
- Microprocessor-controlled, 3-Stage Battery Charger
- 10kAIC at 120VAC; 1.5kAIC at 277VAC
- Inverter Operating Temperature 32°F to 104°F (0°C to 40°C)
- Battery Operating Temperature 68°F to 86°F (20°C to 30°C) per UL 924 Specifications
- Warranty Information:
  - Electronics: 3-Year Replacement Warranty
  - Batteries: 1-Year Full / 9-Years Prorata Warranty

# ORDERING GUIDE

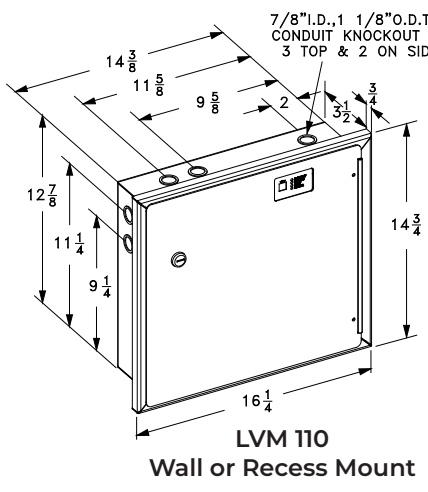
Example Model Number:  
1-LVM-1-D



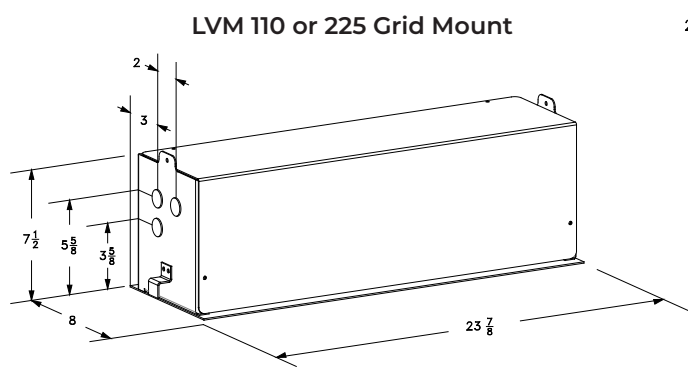
1. Only single phase voltages available.  
2. VA = W  
3. Not available with grid mount option.

# DIMENSIONS

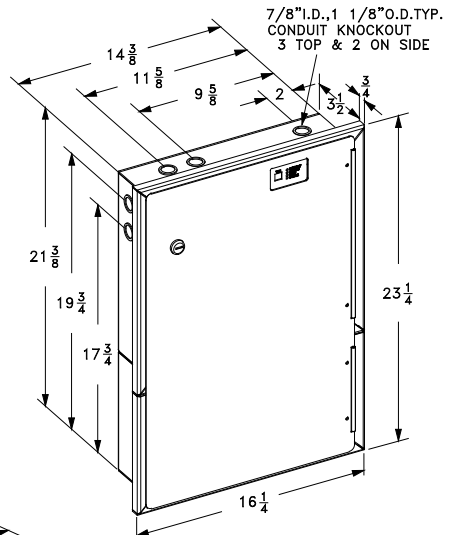
| Electronics Module |                       |                    |                  |                 |                   | Batteries 90 Minutes @ Full Load |                     |                                |
|--------------------|-----------------------|--------------------|------------------|-----------------|-------------------|----------------------------------|---------------------|--------------------------------|
| Model              | Power Rating (VA / W) | Cabinet Dimensions |                  |                 |                   | 90 Minutes Batteries (lbs / kg)  | Number of Batteries | Total System Weight (lbs / kg) |
|                    |                       | Width (in / cm)    | Height (in / cm) | Depth (in / cm) | Weight (lbs / kg) |                                  |                     |                                |
| LVM-1              | 110                   | 16.25 / 41.275     | 14.75 / 37.465   | 3.5 / 8.89      | 20 / 9.1          | 17 / 7.7                         | 1                   | 37 / 16.8                      |
| LVM-1-G            | 110                   | 23.84 / 60.56      | 7.5 / 19.05      | 8 / 20.32       | 20 / 9.1          | 17 / 7.7                         | 1                   | 37 / 16.8                      |
| LVM-2              | 225                   | 16.25 / 41.275     | 23.25 / 59.055   | 3.5 / 8.89      | 26 / 11.8         | 34 / 15.4                        | 2                   | 60 / 27.2                      |
| LVM-2-G            | 225                   | 23.84 / 60.56      | 7.5 / 19.05      | 8 / 20.32       | 23 / 10.4         | 34 / 15.4                        | 2                   | 57 / 25.8                      |



LVM 110  
Wall or Recess Mount



LVM 110 or 225 Grid Mount



LVM 225  
Wall or Recess Mount

