

ILLUMINATOR LVM

Emergency Inverter Series



SMARTER, STRONGER, SMALLER

Single Phase Systems 125W and 250W

Myers E&PS now offers the second generation of the LVM Series, with the LVM 125W and 250W.

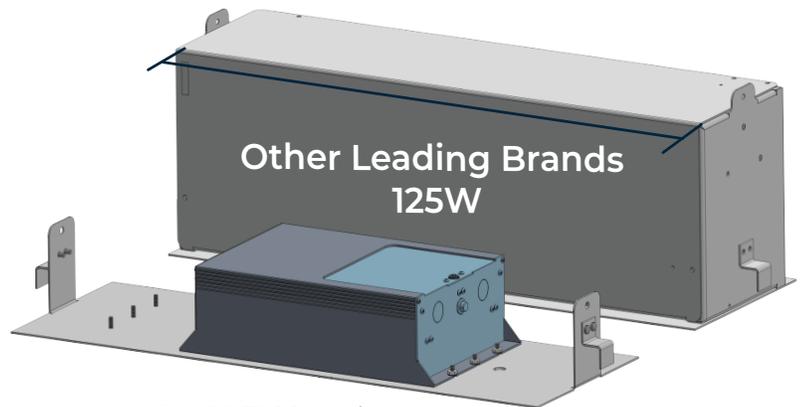
The LVM 125W & 250W offer power increases of more than 10% while sizing shrinks by more than 65% in volume and 40% in weight. Automatic 0-10V Dimming comes standard and allows larger outputs to be supported safely. These systems support all lamp sources, including LED.

LVM 125W Unit (Standard Wall/Flush Mount)



UL 924 | CSA C22.2 No.141-15

Scaled Comparison



LVM 125W Unit (Grid Mount)

FEATURES

SMARTER



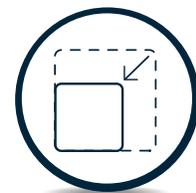
- **Automatic Voltage Detection** eliminates field wiring error
- **Automatic Bypass** overrides local switching and dimming controls
- **Automatic 0-10V Dimming** allows larger outputs to be supported safely
- **Automatic Monthly Testing** eliminates manual monthly testing demands

STRONGER



- A **power increase of over 10%*** with a minimum run time of 90 minutes
- **LiFePO4 Battery Chemistry** for safer, lighter & longer lasting batteries
- **Robust Temperature Range** (0-50° C); operates at 50/60 Hz
- **Plenum Rated**

SMALLER



- **More than 65% Decreased Volume***
- **Over 40% Decreased Weight***
- **Advanced High Frequency design** is highly efficient and compact

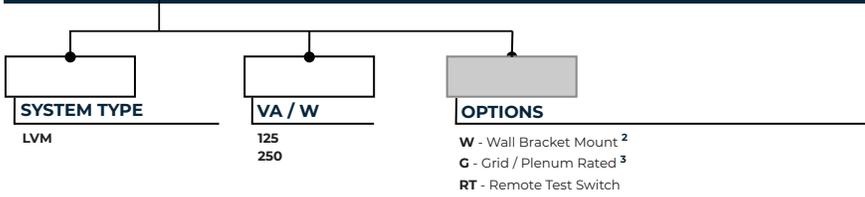
ILLUMINATOR LVM

Emergency Lighting Series

Single Phase Systems 125W and 250W



ORDERING GUIDE EXAMPLE MODEL # LVM-125-W



Type
Date
Catalog #
Project
Prepared by
Comments

1. See Mounting Guide for more in-depth descriptions of mounting options.
 2. Provides additional mounting bracket that allows unit to be mounted on 16" centers if required.
 3. Provides additional mounting bracket that allows unit to be mounted in ceiling grid.
- *Transfer Time: Non-Dimmable Loads 2 Seconds / Dimmable Loads 3 Seconds

SPECIFICATIONS

VOLTAGE		OUTPUT POWER		WARRANTY	
INPUT*	OUTPUT	LVM 125	LVM 250	ELECTRONICS	BATTERY
120V, 60Hz	120V, 60Hz	125W	250W	3 Year Standard	10 Year Prorated 2 Year Full
230V, 50Hz	230V, 50Hz				
277V, 60Hz	277V, 60Hz				

DIMENSIONS

	Model #	Height (in)	Width (in)	Depth (in)	Weight (lbs)
Inverter Only	LVM 125	11.50	6.86	3.35	9.24
w/Grid Mount*	LVM 125	23.875	8.00	3.42	13.64
w/Wall Mount*	LVM 125	18.00	17.50	3.42	15.99

	Model #	Height (in)	Width (in)	Depth (in)	Weight (lbs)
Inverter Only	LVM 250	15.67	6.86	3.35	15.40
w/Grid Mount*	LVM 250	23.875	8.00	3.42	19.80
w/Wall Mount*	LVM 250	18.00	17.50	3.42	22.15

WIRING DIAGRAM

