

LVM Series Inverter Power System



SMARTER, STRONGER, SMALLER Single Phase Systems 125VA/W and 250VA/W

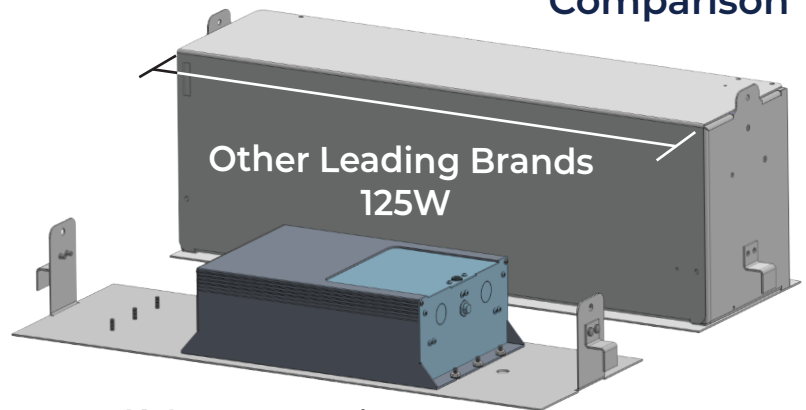
The LVM 125W & 250W offer power increases of more than 10% while sizing shrinks by more the 65% in volume and 40% in weight. Automatic 0-10V Dimming comes standard and allows larger outputs to be supported safely. These systems support all lamp sources, including LED.

LVM 125W Unit (Standard Wall/Flush Mount)



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

**Scaled
Comparison**



**LVM 125W Unit
(Grid Mount)**

FEATURES

SMARTER



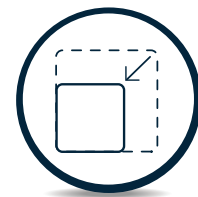
- **Automatic Voltage Detection** eliminates field wiring error
- **Automatic Bypass** overrides local switching and dimming controls
- **Automatic 0-10V Dimming** allows larger outputs to be supported safely
- **Automatic Monthly Testing** eliminate manual monthly testing demands

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

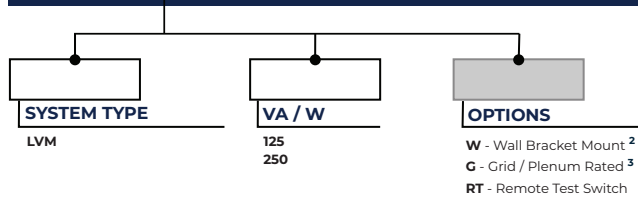
LVM Series

Single-Phase Inverter Power System

150VA/W & 250VA/W



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.

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				

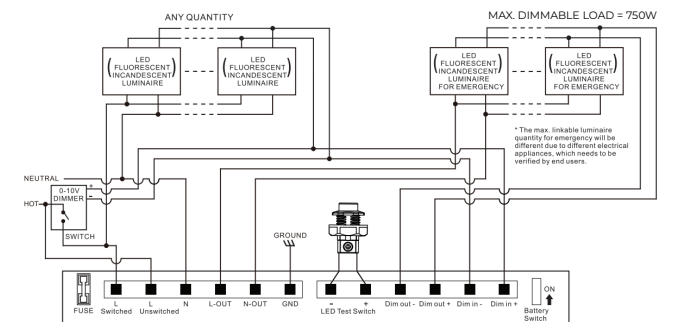
DIMENSIONS

LVM-125 only					
LVM-125 with Grid Mount					
LVM-125 with Wall Mount					
	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

LVM-250 only					
LVM-250 with Grid Mount					
LVM-250 with Wall Mount					
	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

0-10V DIMMABLE SYSTEM



NON - DIMMABLE SYSTEM

