

MOSO[®]

Distributed by Sunlux

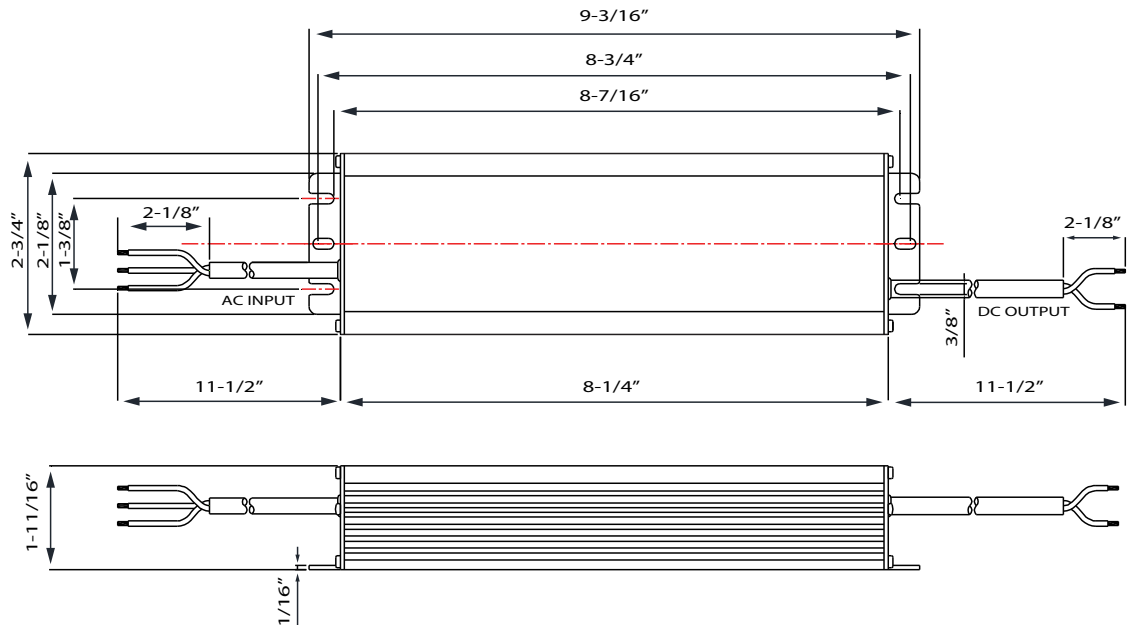


Characteristics

- **Constant Voltage Design (C.V. mode)**
- Protections:
 - Input surge
 - Output over current
 - Over voltage
 - Short circuit
 - Over temperature
- AC Input automatic voltage selection: 100-277Vac
- IP67 design for outdoor installations (Dry, damp, and wet locations)
- Suitable for LED lighting and moving sign applications
- Surge immunity: Line-Line 5KV, Line-Earth 6KV
- High power factor >0.90(305Vac & full load)
- Metal case
- Class P power unit
- Safety Standards: UL8750 recognized U.S and Canada Certified
- EMC Standards: FCC Part 15.



Physical

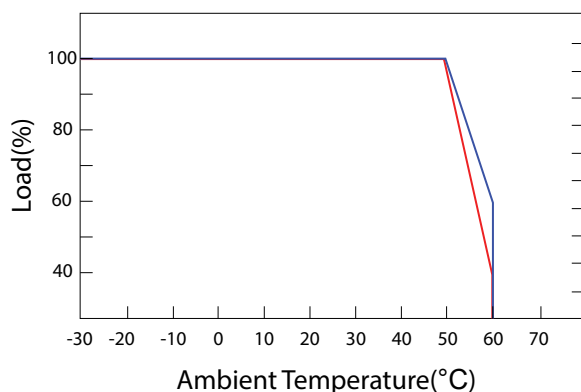


Dimension : 9.19" x 2.75" x 1.69" (LxWxH)
Weight : 2Lbs 10oz.

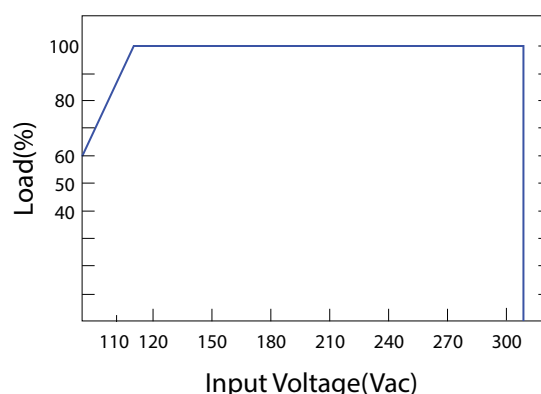
Technical Details

	ITEM	MS-LSV-200B024
INPUT	Voltage Range	AC 100~277V (Min. 90V)
	Frequency Range	47~63Hz
	Efficiency (Typ)	91%
	AC Current	2.8A Max. 100-277Vac & Full Load
	Inrush Current (Max.)	COLD START 75A/230VAC & Full Load
	Leakage Current	<0.75mA / 277VAC
OUTPUT	DC Voltage	24V
	Rated Current	8.33A
	Rated Power	200W
	Ripple & Noise (max.) Note1	10%
	Output Overshoot	10%
	Output Current Tolerance	+/- 5% full load
	Line Regulation Note2	3%
	Load Regulation Note3	3%
PROTECTION	Turn-On Delay Time	3S/120Vac at full load, 1S/230Vac at full load
	Short Circuit	The input power shall decrease when the output rail short
	Over Current Note4	Hiccup mode: recovers automatically after fault condition is removed
	Over Voltage	110~220% of rating
	Over Temperature	90+/-10°C (Temp. Sensor) shuts off: recovers automatically after fault condition is removed
OTHERS	Dimension/Weight	9.19" * 2.75" * 1.69" (L*W*H) 2 Lb - 10oz/pc
NOTE	1.	Full load, measured by 20 MHz bandwidth oscilloscope and the output paralleled a 0.1F ceramic capacitor and a 10uF electrolytic capacitor
	2.	L25° C +/- 10°C ambient temperature, input voltage changes from 90 to 305Vac.
	3.	L25° C +/- 10°C ambient temperature, 230Vac input, load changes from 50% to 100%
	4.	When the output voltage is over 110~200% rated load voltage, the driver shuts off automatically and enters protection status. The driver will work normally after fault condition removed and AC input re-apply.

■ DERATING CURVE

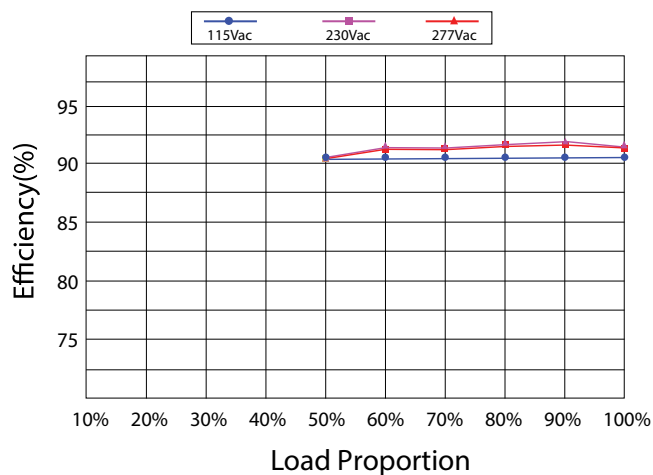


■ INPUT VOLTAGE VS LOAD

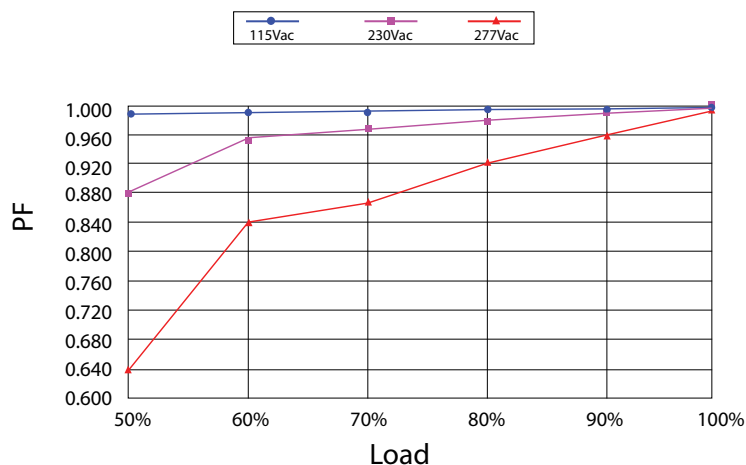


Others Characteristics (Continued)

■ EFFICIENCY VS LOAD



■ POWER FACTOR VS LOAD CURVE



■ TOTAL HARMONIC DISTORTION VS LOAD CURVE

