

## FEATURES

## 150W Constant Voltage LED Driver

## LSWV-150 Series

- Wide AC Input 90~305VAC
- High Efficiency & High Power Factor
- Operation From -35°C ~ +60°C
- IP67
- RoHS Compliant
- Certified to UL/cUL



## SPECIFICATIONS

Model #	Output Voltage	Output Current Range	PF (2)		Ripple & Noise (3)	Efficiency @ 220 VAC (2)
			110VAC	220VAC		
LSWV-150S048ST	48V	0~3.15 A	0.99	0.96	1.4VAC	91.5%

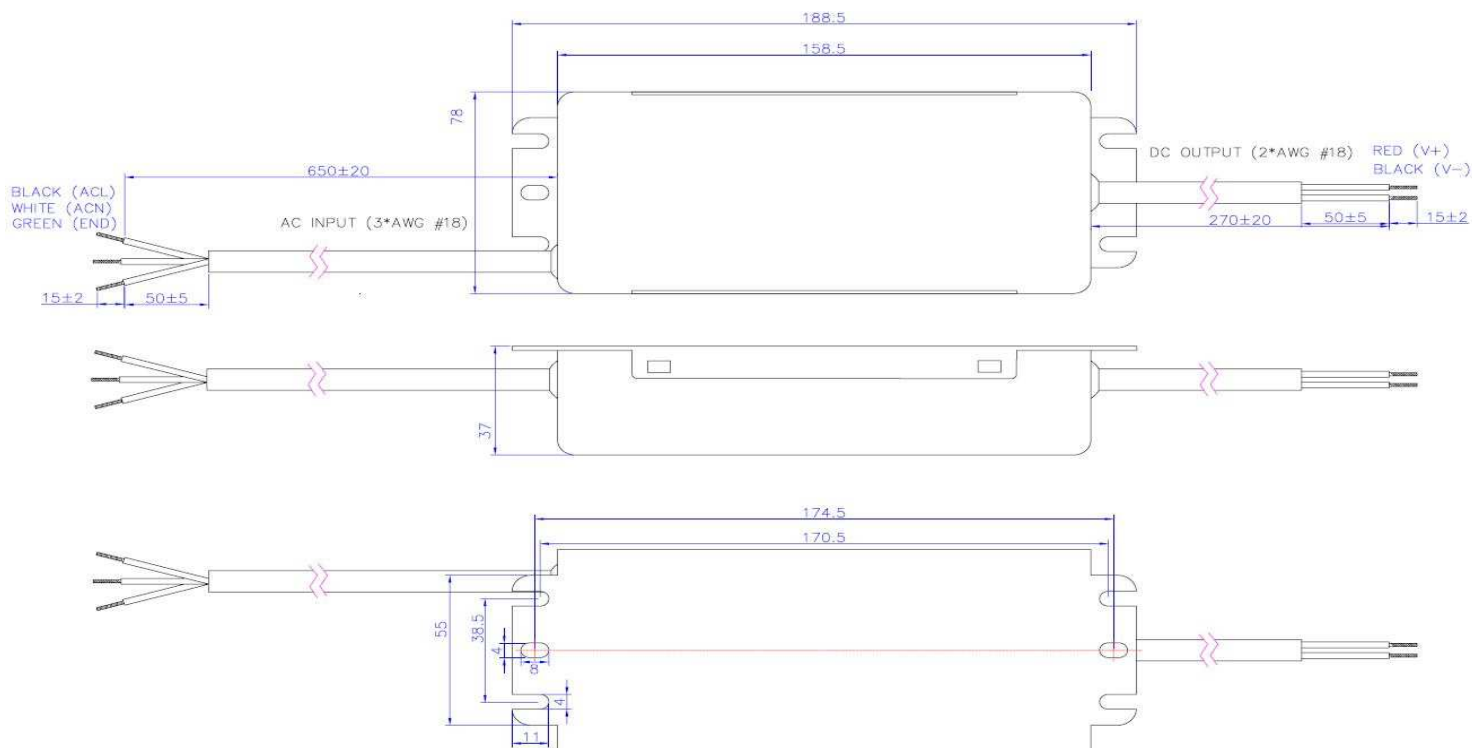
Output	Rated Power	150W	
	Line Regulation	1%	
	Load Regulation	3%	
	Turn-on Delay Time	1s-2s	
Input	Voltage Range	90~305 VAC Operating Voltage	
	Frequency Range	47Hz~63Hz	
	Inrush Current	65A @ 230V	
	AC Current	1.6A / 110V 0.7A/220V	
Protections	Short Circuit Protection	Protection type: Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature Protection	110°C Internal temperature. Auto recovery after power supply cools.	
	Over Voltage	125% of max voltage, Latch mode. The power supply shall return to normal operation only after recycling AC	
Environmental	Temperature Range	Operational	-35°C~60°C
		Storage	-40°C~85°C
	Humidity	Operational	10~100% RH non-condensing
		Storage	5~100%RH
Safety & EMC	Safety Standards	UL8750, UL935, UL1012, CSA-C22.2 No.107.1 EN61347-1, EN61347-2-13	
	EMI Conduction & Radiation	EN55015	
	EMS Immunity	EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, EN61547	
Others	MTBF	350,000 hours	
	Life Time	75,000 hours	
	Dimensions	(L*W*H) 7.40*3.07*1.46 inches (L*W*H) 188.5*78*37 mm	
	Weight	1100g	



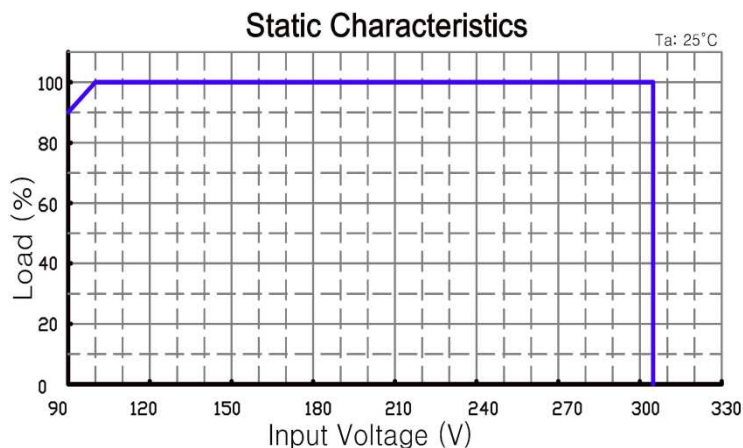
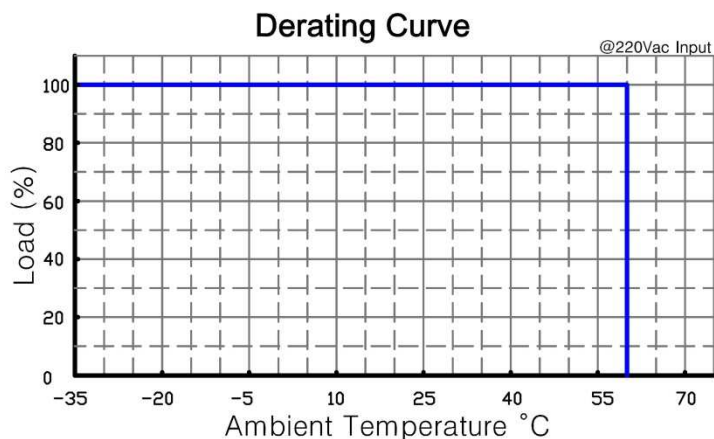
Note :

1. All specifications are typical at 25°C unless otherwise stated.
2. The "Efficiency" & "PF" values are measured at full load, after the unit is thermally stabilized, otherwise they will be lower about 1%.
3. The "Ripple & Noise" values are measured by 20MHz bandwidth oscilloscope and the output paralleled a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.

### Mechanical Specification



### Derating Curves



## PART NUMBER SCHEME

LSWV-150S048ST

L=LED Driver "S" Series

W = Wide Input Voltage 90~305 Vac

V=Constant Voltage

T = Class I, 3 Wire Input

S = Metal Case

Rated Voltage

Single output

Rated Power (Watts)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AUTEC IS NOT RESPONSIBLE FOR ISSUES ARISING FROM ERRORS OR OMMISIONS

