

**FEATURES**

**200W Constant Voltage Led Driver**

**LSWV-200 Series**

- High Efficiency & High Power Factor
- Wide AC Input 90~305VAC
- IP67
- RoHS Compliant
- Certified to UL/cUL



**SPECIFICATIONS**

Model #	Output Voltage	Output Current Range	PF (2)		Ripple & Noise (3)
			110VAC	220VAC	
LSWV-200S048ST	48V	0-4.2 A	0.99	0.96	1.4V
LSWV-200S042ST	42V	0~4.76 A	0.99	0.96	1.4V

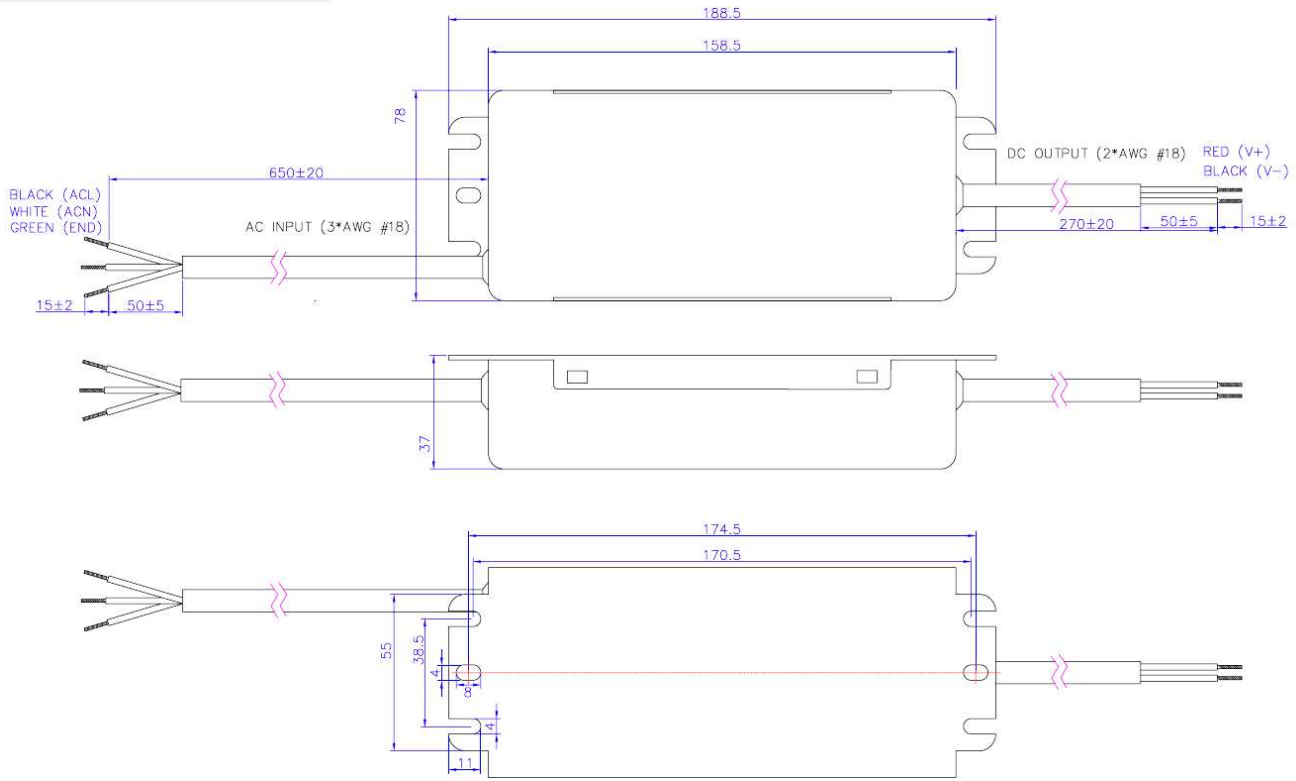
Output	Turn-on Delay Time	1s-2s	
	Line Regulation	1%	
	Load Regulation	3%	
Input	Voltage Range	90~305VAC	
	Frequency Range	47Hz~63Hz	
	Efficiency @ 240VAC (2)	91.5%	
	Inrush Current	65A @230V	
	AC Current	2.0A / 110V	1.0A/220V
Environmental Protection	Short Circuit	Hiccup mode: Recovers automatically after fault condition is removed	
	Over Temperature	110°C Internal Temperature. Auto Recovery after power supply cools.	
	Over Voltage	Latch mode, 125% of max voltage. The power supply shall return to normal operation only after recycling AC.	
Environmental Protection	Temperature Range	Operational	-35°C~+60°C
		Storage	-40°~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	345,000 hours	
	Life time	63,000 hours	
	Weight	1100g	
	Dimensions	(L*W*H) 7.40*3.07*1.46 inches 188.5*78*37 mm	



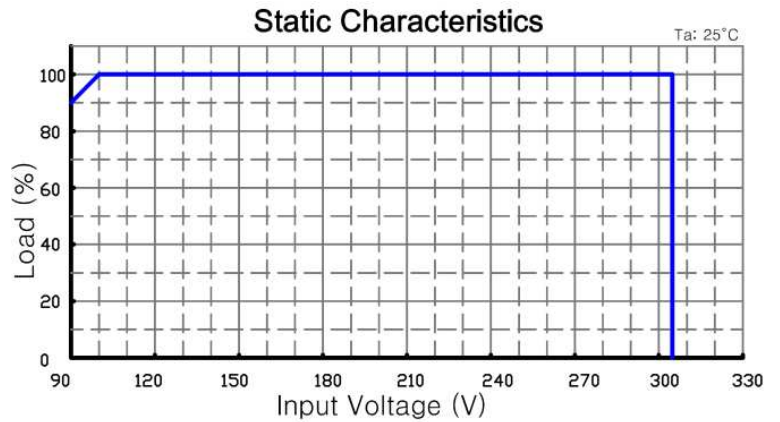
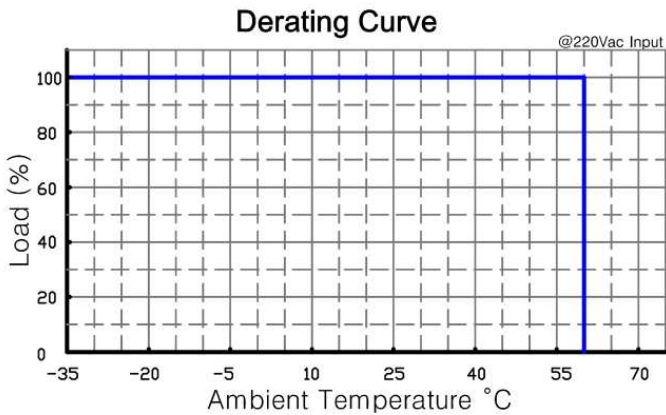
Notes

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 20 MHz bandwidth oscilloscope and the output paralleled a 0.1uF ceramic capacitor and 10uF electrolytic capacitor.

**Mechanical Specifications**

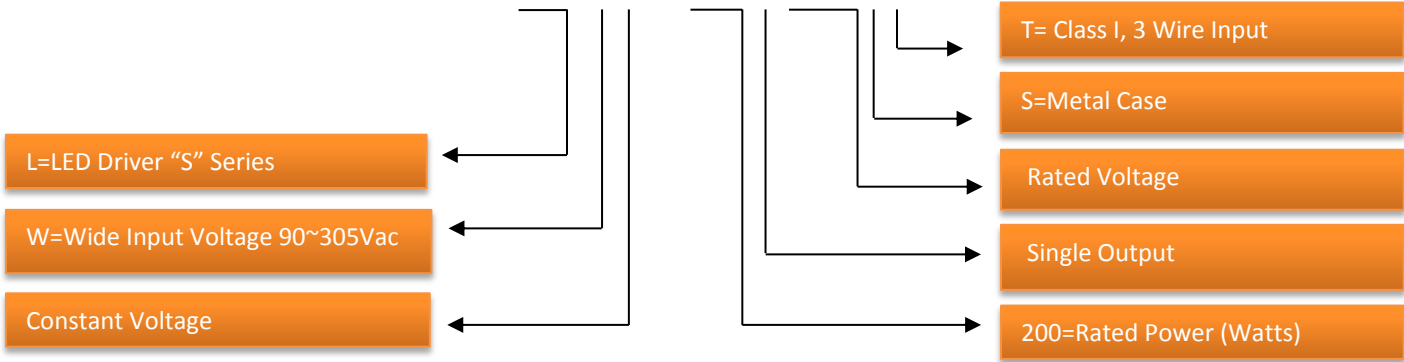


**Derating Curves**



**PART NUMBER SCHEME**

LSWV-200S048ST



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

