

FEATURES

200W Constant Voltage Led Driver

LSWV-200 Series

- Wide AC Input 90~305VAC
- High Efficiency & High Power Factor – Meets DLC & Energy Star
- Operation from -35°C-70°C Full Load
- Certified to UL/cUL 8750, EN61347 & CE
- Short Circuit, Over Temperature & Over Voltage Protection
- IP67
- RoHS Compliant



SPECIFICATIONS

Model #	Output Voltage (2)	Output Current Range (2)	PF (3)		Ripple & Noise (4)	Efficiency (5)	
			110VAC	277VAC		110VAC	220VAC
LSWV-200S024ST	24V	0-8.3A	0.99	0.9	0.7V	88%	89%
LSWV-200S036ST	36V	0-5.5A	0.99	0.9	1V	88.5%	90%
LSWV-200S042ST	42V	0-4.7A	0.99	0.9	1.2V	89%	90.5%
LSWV-200S048ST	48V	0-4.2 A	0.99	0.9	1.4V	89.5%	91.5%

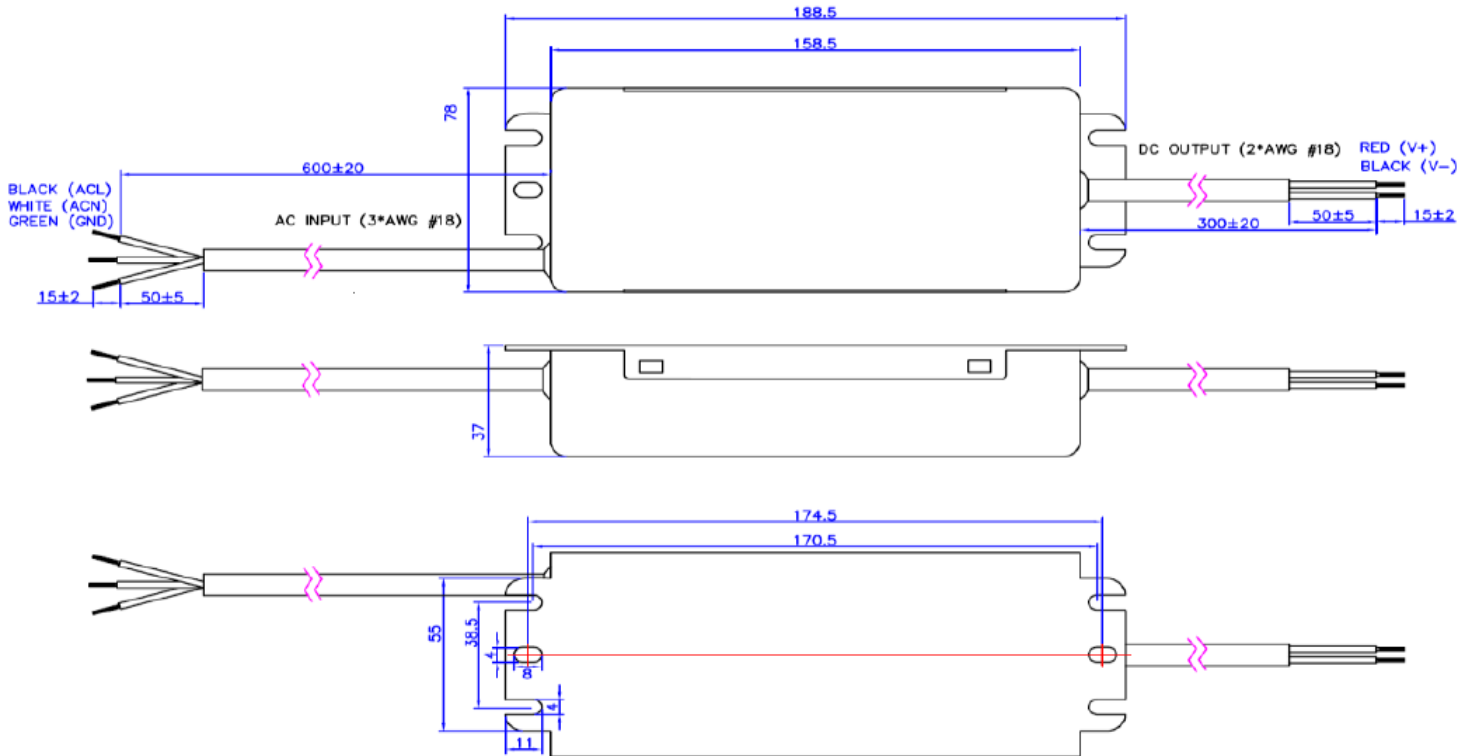
Output	Turn-on Delay Time	1s-2s	
	Line Regulation	1%	
	Load Regulation	3%	
Input	Voltage Range	90~305VAC	
	Frequency Range	47Hz~63Hz	
	Efficiency @ 240VAC (2)	91.5%	
	Inrush Current	65A @230V	
	AC Current	2.0A / 110V 1.0A/220V	
Protection	Short Circuit	Hiccup mode: Recovers automatically after fault 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	Temperature Range	Operational	-35°C-70°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	900g	
	Dimensions	(L*W*H) 7.40*3.07*1.46 inches 188.5*78*37 mm	



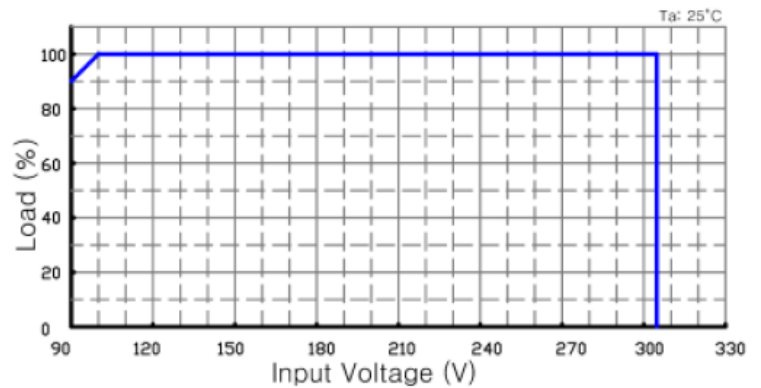
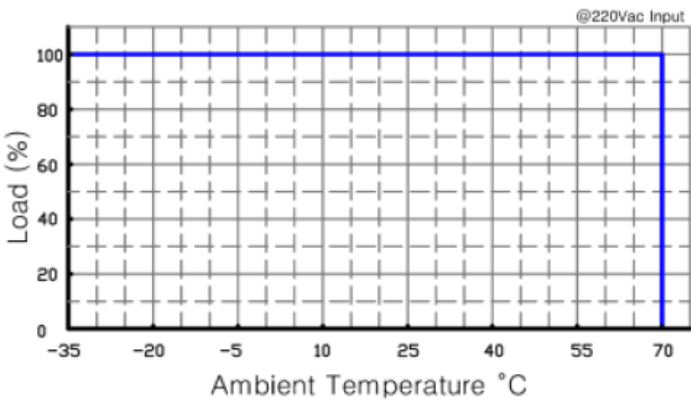
Notes

1. All specifications are typical at 25°C unless otherwise stated.
2. +/-5%
3. Values are measured at 70% load, after the unit is thermally stabilized.
4. The "Ripple & Noise" values are measured by 20 MHz bandwidth oscilloscope and the output paralleled a 0.1uF ceramic capacitor and 10uF electrolytic capacitor.
5. 80% load

Mechanical Specifications

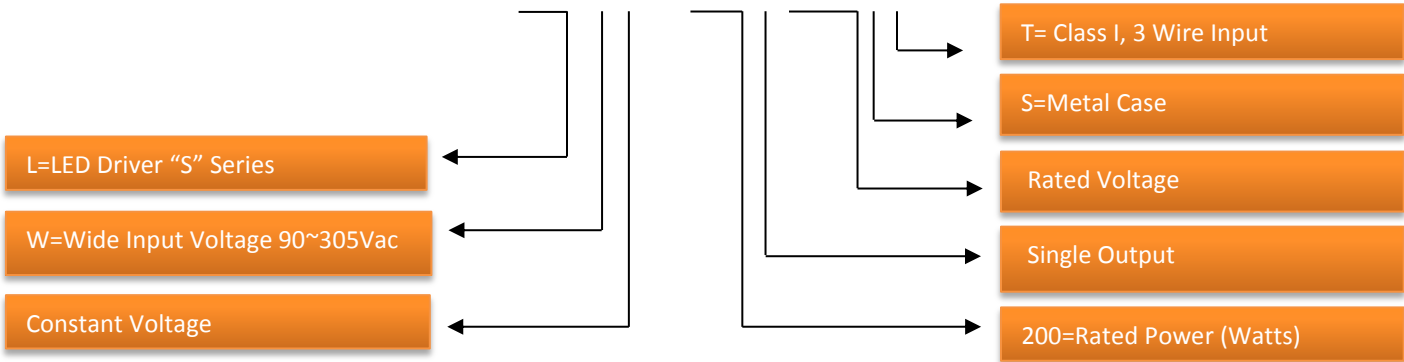


Derating Curves



PART NUMBER SCHEME

LSWV-200S048ST



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