

FEATURES

- 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

200W Constant Voltage Led Driver

LSWV-200 Series



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%

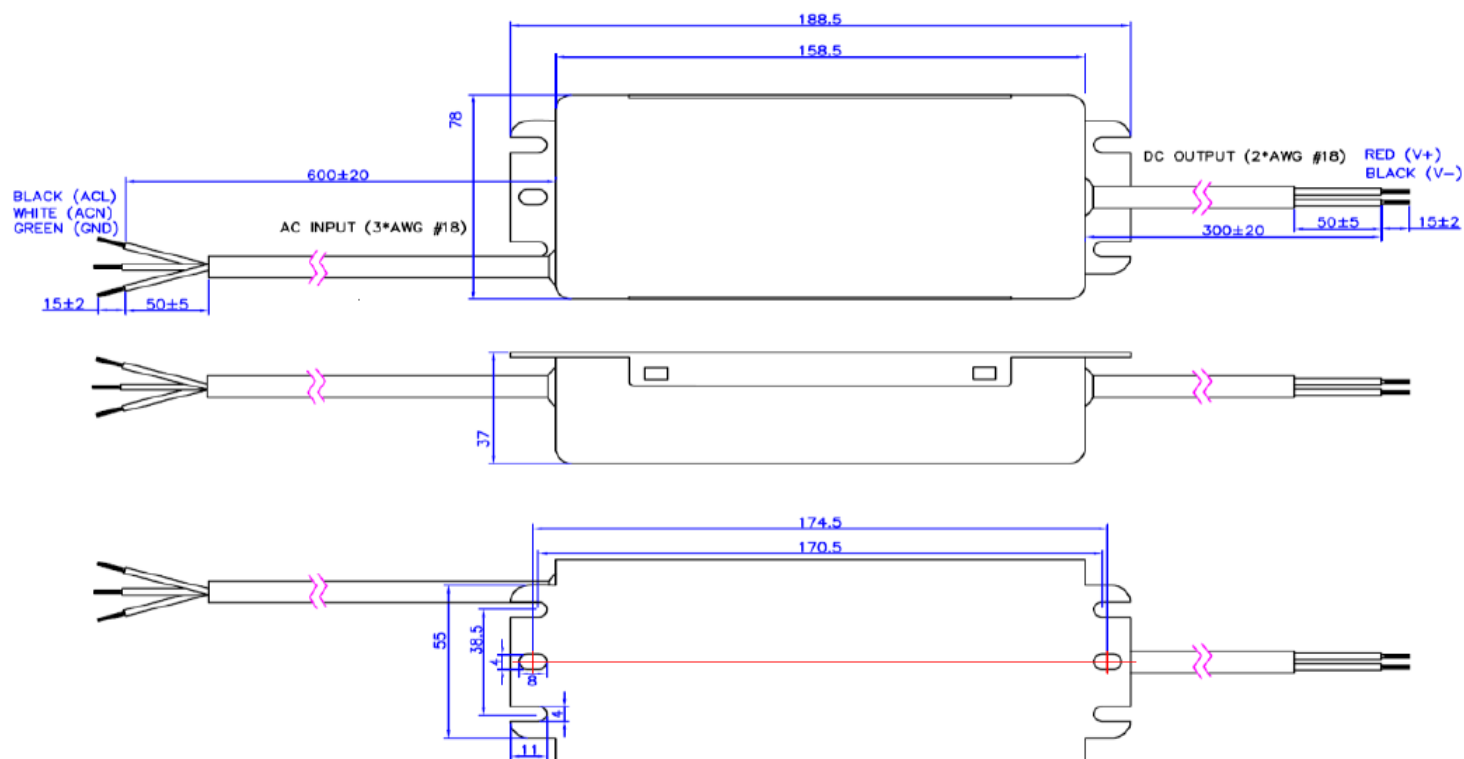
Output	Turn-on Delay Time	1s-2s		
	Line Regulation	1%		
	Load Regulation	3%		
Input	Voltage Range	90~305VAC		
	Frequency Range	47Hz~63Hz		
	Efficiency @ 240VAC (2)	91.5%		
	Inrush Current	65A @230V		
	AC Current	2.0A / 110V 1.0A/220V		
Protection	Short Circuit	Hiccup mode: Recovers automatically after 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		



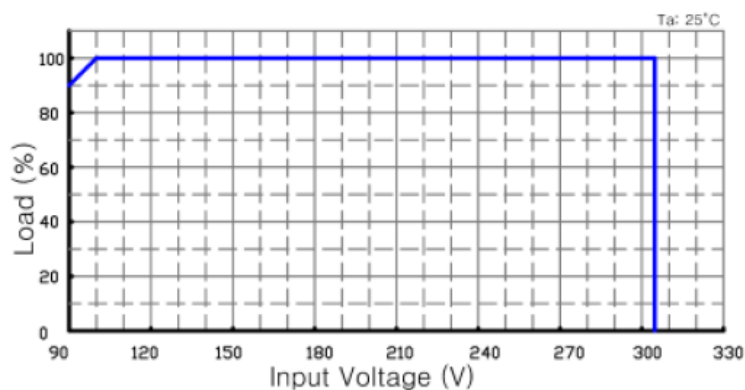
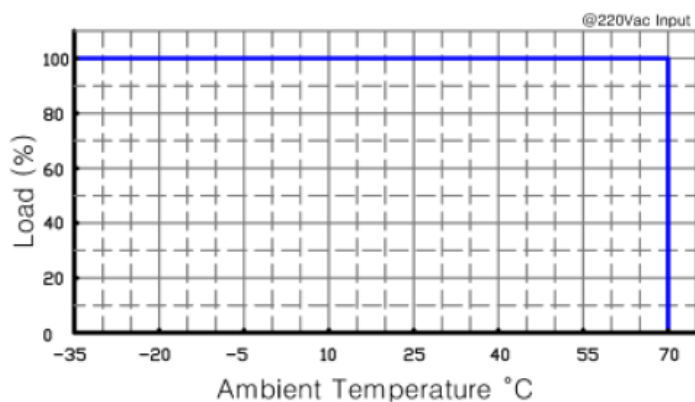
Notes

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

L=LED Driver "S" Series

W=Wide Input Voltage 90~305Vac

Constant Voltage

T= Class I, 3 Wire Input

S=Metal Case

Rated Voltage

Single Output

200=Rated Power (Watts)

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

