

FEATURES

150W Constant Voltage LED Driver

LSWV-150 Series

- Wide AC Input 90~305VAC
- High Efficiency & High Power Factor – Meets DLC & Energy Star
- Operation from -35°C to 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 @ 220 VAC (5)
			110VAC	277VAC		
LSWV-150S024ST	24V	0-6.25 A	0.99	0.9	0.69V	90.5%
LSWV-150S036ST	36V	0-4.16 A	0.99	0.9	1.04V	91%
LSWV-150S048ST	48V	0-3.15 A	0.99	0.9	1.4V	91.5%

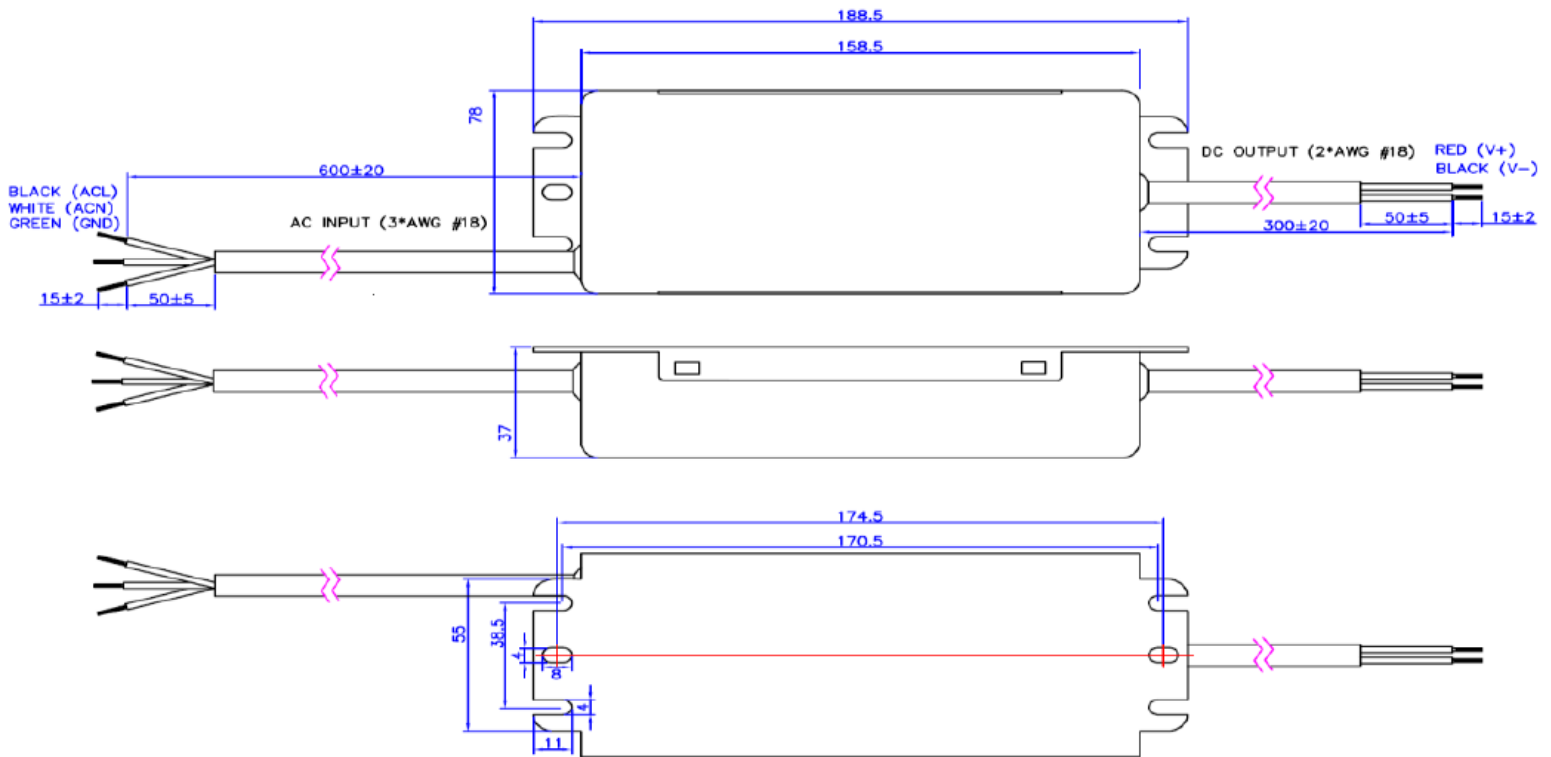
Output	Rated Power	150W	
	Line Regulation	1%	
	Load Regulation	3%	
	Turn-on Delay Time	1s-2s	
Input	Voltage Range	90~305 VAC Operating Voltage	
	Frequency Range	47Hz~63Hz	
	Inrush Current	65A @ 230V	
	AC Current	1.6A / 110V 0.7A/220V	
Protections	Short Circuit Protection	Protection type: Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature Protection	110°C Internal temperature. Auto recovery after power supply cools.	
	Over Voltage	120% of max voltage, Latch mode. The power supply shall return to normal operation only after recycling AC	
Environmental	Temperature Range	Operational	-35°C~70°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	900g	



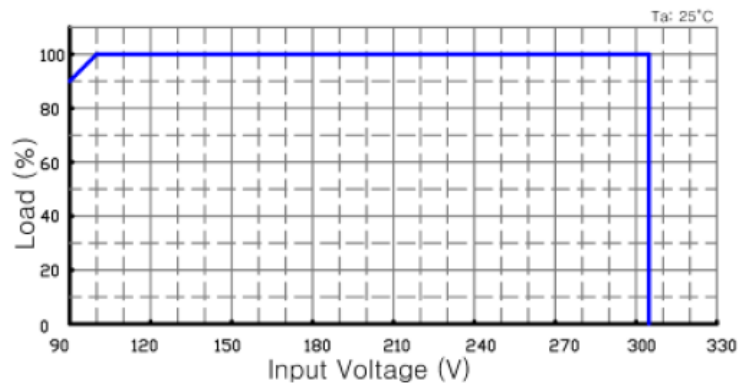
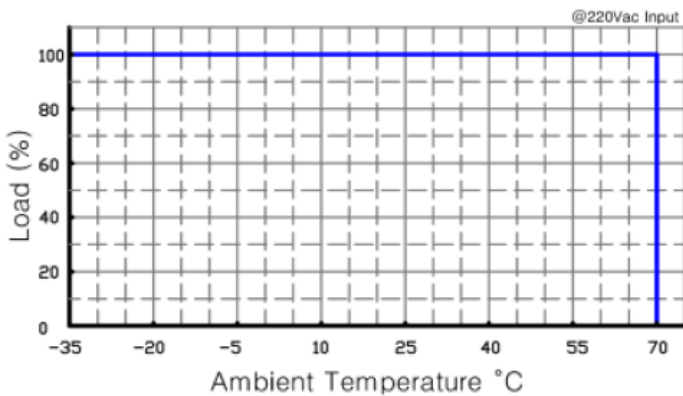
Note :

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 20MHz bandwidth oscilloscope and the output paralleled a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.
5. Typ. at full load

Mechanical Specification

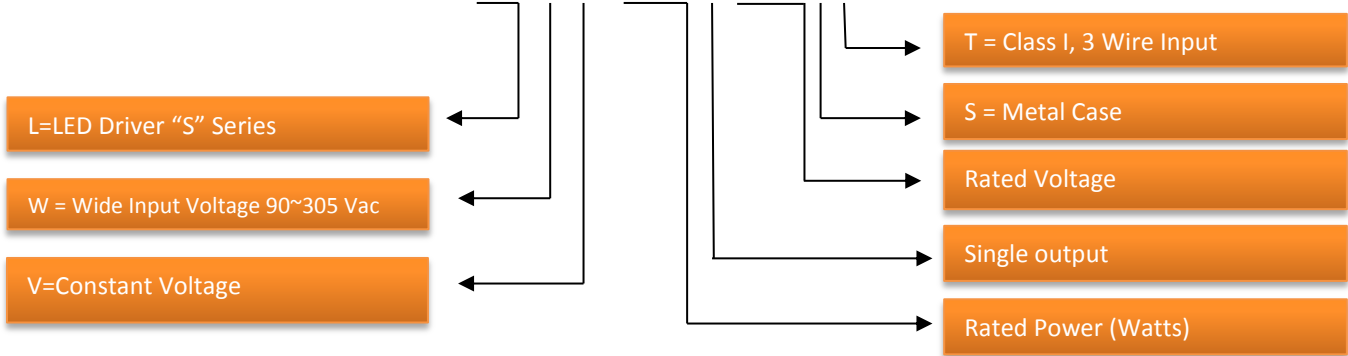


Derating Curves



PART NUMBER SCHEME

LSWV-150S048ST



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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Gate Drivers](#) category:

Click to view products by [Autec Power Systems](#) manufacturer:

Other Similar products are found below :

[00028](#) [00053P0231](#) [8967380000](#) [56956](#) [CR7E-30DB-3.96E\(72\)](#) [57.404.7355.5](#) [LT4936](#) [57.904.0755.0](#) [5801-0903](#) [5803-0901](#) [5811-0902](#)
[5813-0901](#) [58410](#) [00576P0030](#) [00581P0070](#) [5882900001](#) [00103P0020](#) [00600P0005](#) [00-9050-LRPP](#) [00-9090-RDPP](#) [5951900000](#) [01-](#)
[1003W-10/32-15](#) [LTI LA6E-1S-WH-RC-FN12VXCR1](#) [0131700000](#) [00-2240](#) [LTP70N06](#) [LVP640](#) [0158-624-00](#) [5J0-1000LG-SIL](#) [020017-13](#)
[LY1D-2-5S-AC120](#) [LY2-0-US-AC120](#) [LY2-US-AC240](#) [LY3-UA-DC24](#) [00-5150](#) [00576P0020](#) [00600P0010](#) [LZNQ2M-US-DC5](#) [LZNQ2-](#)
[US-DC12](#) [LZP40N10](#) [00-8196-RDPP](#) [00-8274-RDPP](#) [00-8275-RDNP](#) [00-8609-RDPP](#) [00-8722-RDPP](#) [00-8728-WHPP](#) [00-8869-RDPP](#) [00-](#)
[9051-RDPP](#) [00-9091-LRPP](#) [00-9291-RDPP](#)