

Series 150W Power Supply by **LAMBDA**

Total Power
150 Watts

Input Voltage
100 ~ 240 VAC

Outputs
One

GVA Lighting recommends SWS series power supplies for large size projects with our LED fixtures. These high quality reliable power supplies are made by Lambda.

Lambda is recognized as the world's leading manufacturer of high quality switching and linear electronic power supplies. Over the last 58 years, Lambda has developed a worldwide reputation and heritage for high quality and robust products and exceptional global support.



Special Features

- Meets IEC61000-4
- PFC (Power Factor Correction) to reduce power consumption to EN61000-3-2
- Input transient protected IEC61000-4
- Level B EMI
- Global safety agency approvals: UL60950, CSA60950, EN60950, CEMark, En50178

Model Information

Model Number	Constant Voltage Mode		
	VDC	A	Watts
SWS150-12	12, ±5%	12.5	150
SWS150-24	24, ±5%	6.3	150

Safety

UL	UL60950
CSA	CSA60950
CE	Marked
EN	EN60950, EN50178

Environmental

Operating Temperature	-10°C to 70°C (14°F to 158°F)
De-rating:	55°C (100%), 60°C (90%), 65°C (80%), 70°C (70%). Derate to 80% load from 0°C to -10°C
Storage Temperature	-30°C to +85°C (-22°F to 185°F)
Humidity (Non-Condensing)	10% to 95%
Cooling	Convection
Vibration Frequency	10 to 55Hz
MTBF	>420,582 Hours at 100/200VAC and 45°C ambient conditions
EMC	Compliant to 47CFR, Part 2, Part 15, and Cispur PUB, 22 Class B

Other

Warranty	Two Years
Weight	750g (1.65lb)
Size (WxHxD)	9.91cm x 5.08cm x 19.81cm (3.9" x 2" x 7.8")
Installation	Enclosed Type (has to be installed into approved enclosure)

Electrical Specifications

Maximum Power	150 Watts
Input Range	85~265 VAC
Frequency	47 to 63 Hz
Power Factor	Meets EN61000-3-2
Inrush Current	16A (115VAC), 32A (230VAC)
Input Current	1.8A (115VAC), 0.9 Amps (230VAC)
Efficiency	79%/82% (12V), 82%/85% (24V)
Adj. Range	10.8-13.2V (12V), 21.6-26.4V (24V)
Ripple/Noise	100 (12V), 150 (24V)
Leakage Current	0.75mA (0.5mA typ@230VAC)
Hold up time	20ms at 115VAC
Protection	Overvoltage, Overcurrent

Mechanical Drawing

