

LED Power Supply, 96W - Non Dimmable



EPS-SL-N Series - 96W

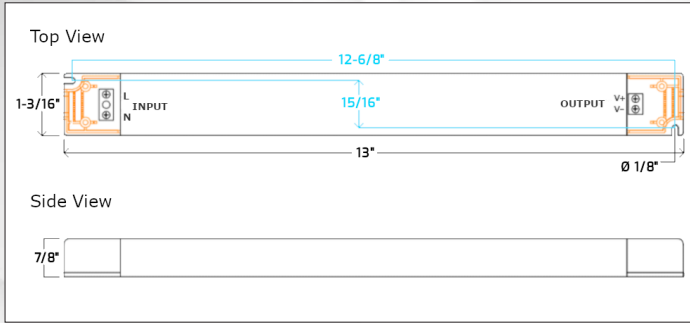


FEATURES

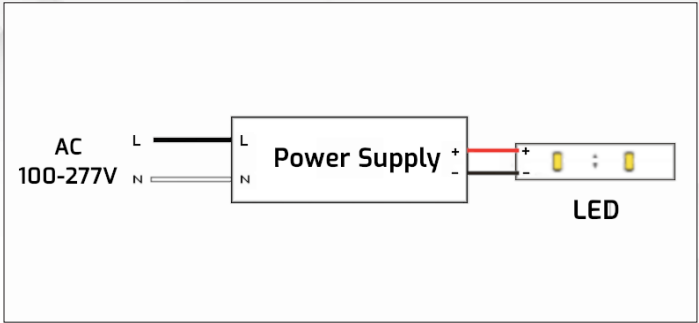
- Output constant voltage
- UL, cUL listed, Class 2, Class P, Type HL
- Universal AC input: 100-277VAC
- Power Factor: up to 0.99
- High efficiency : up to 86%
- Protection: short circuit/over loading/ Over temperature
- Full protection plastic case, for dry and damp locations
- Cooling by free air convection
- Suitable for LED lighting and moving sign applications



DIMENSION DIAGRAM



CONNECTION DIAGRAM



ELECTRICAL AND LIGHTING SPECIFICATIONS

Models	EPS-SL-N-96W-24V	
Input Voltage	100-277VAC	
Output Voltage	24V	
Rated Current	4A	
Rated Power	96W	
Product Weight	1.1 Lbs	
Power Factor @ Full Load (Typical)	0.99@120VAC 0.95@277VAC	
Voltage Tolerance	±0.5V	
Voltage / Load Regulation	±0.5% / ±1%	
Efficiency @ Full Load (Typical)	88%	88%
Frequency Range	47-63Hz	
THD @ full load (Typical)	120V<10%; 277V<15%	
Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed	
Over Loading	≤120% Hiccup mode, recovers automatically after fault condition is removed.	
Working TEMP.	-40~+60°C	
Working Humidity	20~90%RH, non-condensing	
TEMP Coefficient	±0.03%/°C (0~50°C)	
Vibration	10~500Hz, 2G 10min./1 cycle, period for 60min. each along X,Y,Z axes	
Safety Standards	UL8750+UL1310, CAN/CSA-C22.2 No.250.13	
Withstand Voltage	I/P-O/P:1.88KVac	
Isolation Resistance	I/P-O/P:100MΩ/500VDC/25°C/70%RH	
EMC EMISSION	FCC 47 CRF Part 15, Subpart B	
Product Individual Packing	13-1/16" X 1-1/4" X 15/16" (L*W*H)	

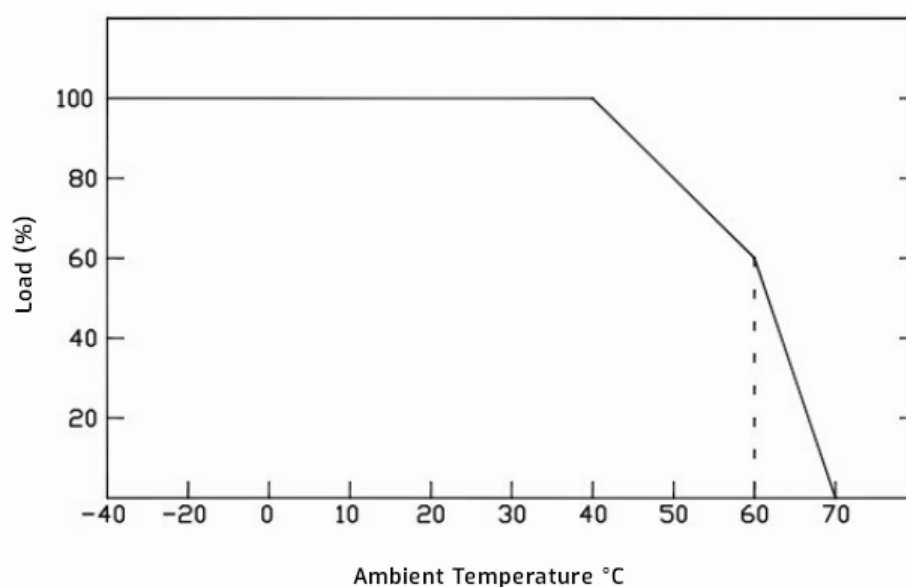


BOX PACKING DIMENSIONS

Models	EP5-SL-N-96W-24V
Box Package Length	13-13/16"
Box Package Width	13"
Box Package Height	5-6/8"
Box Package Weight	38.6 Lbs
Box Quantity	50 units

* Packing Dimensions subject to change.

DERATING CURVE



INSTALLATION REMARKS

- Turn off power before installation.
- Make sure the 120-277V power is connected to the right side of the power supply (L and N).
- Wrong Connection will damage the product.
- Make sure the total load (watts) does not exceed the rated power of this unit.
- Only professionals must proceed to install this unit.