

SUPERIOR 100 W, 24 VDC POWER SUPPLY (277-347 VAC)



Superior Series

Specifications

SKU.....H100W-PPS734724
 Warranty.....10-year product/5-year limited labor

Performance

Input voltage.....277~347 VAC
 Input current.....0.45A/277 VAC | 0.35A/347 VAC
 Input frequency.....50~60 Hz
 Efficiency.....≥ 90% (347 VAC)
 Power factor.....≥ 0.97 (277 VAC)
 Power input.....0.45 A max.
 Output voltage.....DC 24V ±2.5%
 Output current.....4.16 A
 Output power.....100 W

Safety

Protective characteristics.....Over-current/short-circuit/
 over-voltage/over-temperature
 Safety rating.....IP68, Class 2
 Dielectric Strength (Hi-Pot)I/P-O/P 3.75KVac/10mA/3S
 I/P-Case 1.8KVac/10mA/3S
 Insulation Resistance.....100MOhm Min/500Vdc/3S
 Grounding Resistance.....100mOhm
 EMC.....FCC part 15 class B

**High performance 24 volt
superior power supply**



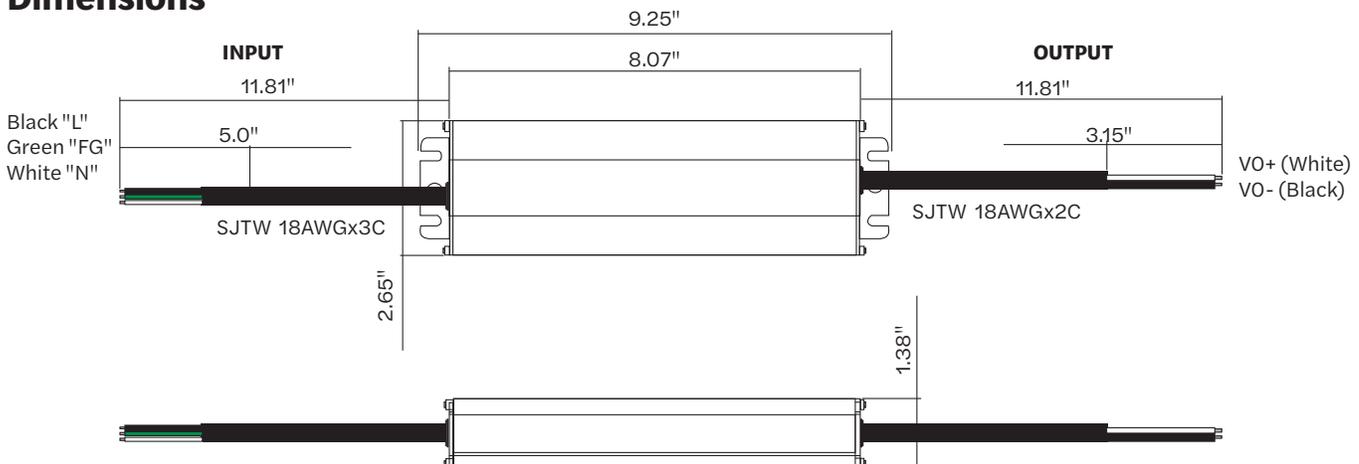
**UL Retrofit Kit
Classified**

Environmental

Operating temperature.....-40°~+60° C
 Storage temperature.....-40°~+80° C
 Relative humidity.....10~95% RH, non-cond.
 Vibration.....10 ~ 500HZ, 5G, 30 minutes
 (for X, Y, Z each axis)



Dimensions



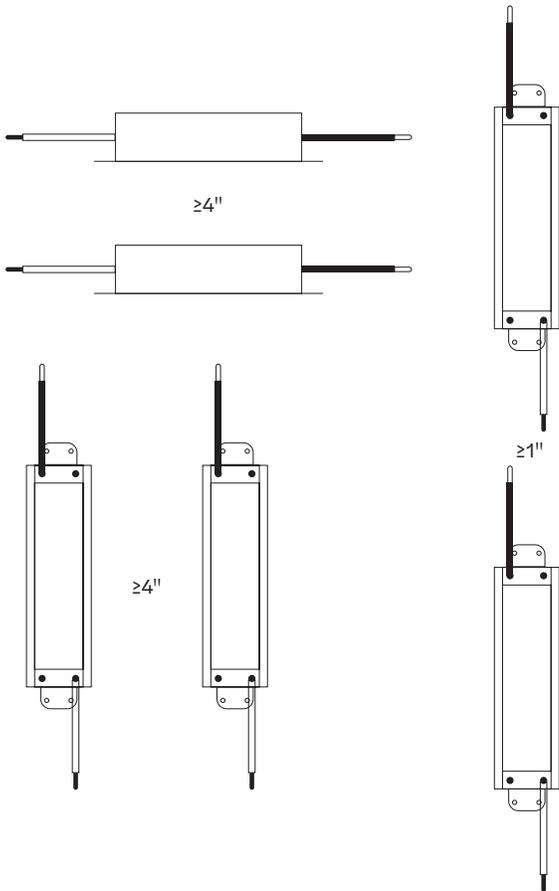
Specifications subject to change without notice.

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Spacing Between Power Supplies



- Ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral wire.
- Ensure the power supply position has sufficient airflow.
- Operating temperature must be between -40°C to $+60^{\circ}\text{C}$.
- Do not overload the power supply with multiple appliances.
- Power supply operates at high temperature.
To avoid injury, do not touch while in use.
- Do not install with power connected or during an electrical disturbance.
- Do not attempt to install by yourself.
Please contact the supplier with any questions.
- Please read and follow the instructions carefully before installing.
Ensure all contact points are in good working order.
- Please pay attention to the environment, and check for any unsafe conditions.

UL 48 Standard requires spacing between LED power supplies shall be at least 1 inch from end to end and 4 inches from side to side. This is to ensure adequate heat dissipation. Greater spacing may be required when heat ventilation in the sign or power supply enclosure is not adequate.

Recommended drivers per enclosure:

- 60 W = 2 max
- 100 W = 1 max
- 96 W = 1 max
- 120 W = 1 max
- 150 W = 1 max
- 180 W = 1 max
- 192 W = 1 max
- 240 W = 1 max

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