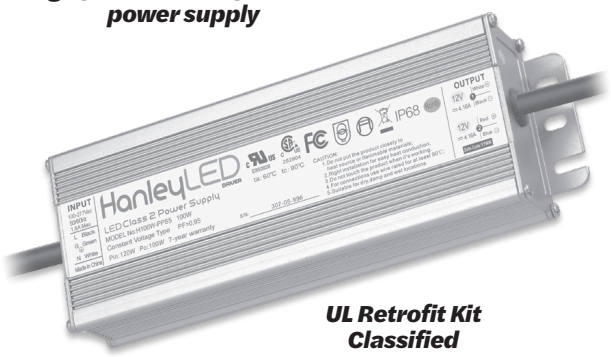
HanleyLED

HP 100 W, 12 VDC POWER SUPPLY

Specifications

High performance premium power supply



UL Retrofit Kit Classified

SKU H100W-PPS5

Warranty ..... 7-year product/1 or 5-year limited labor*

Performance

Input voltage ..... 100~277 VAC

Input current ..... 1.15A/115 VAC | 0.55A/277VAC

Input frequency ..... 50~60 Hz

Efficiency ..... ≥ 89%

Power factor ..... ≥ 0.95

Power input ..... 1.6 A max.

Output voltage ..... DC 12V ±5%

Output current ..... (2) 4.16 A

Output power ..... 100 W

Output ripple & noise ..... ≤150mV

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 Max/500Vdc/3S

Grounding Resistance 100m0hm

EMC ..... FCC part 15 class B EN55015

Environmental

Operating temperature ..... -40°~+50° C

Storage temperature ..... -40°~+85° C

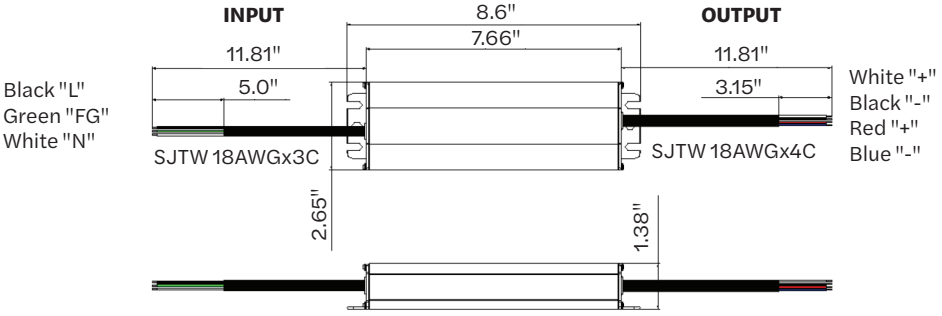
Relative humidity ..... 20~95% RH, non-cond.

Vibration ..... 10 ~ 500HZ, 5G, 30 minutes (for X, Y, Z each axis)

E350628 · 262904 · E487704 · RoHS Compliant

* 5-years limited labor if paired with HanleyLEDs.
1-year limited labor with any other qualified LEDs.

Dimensions



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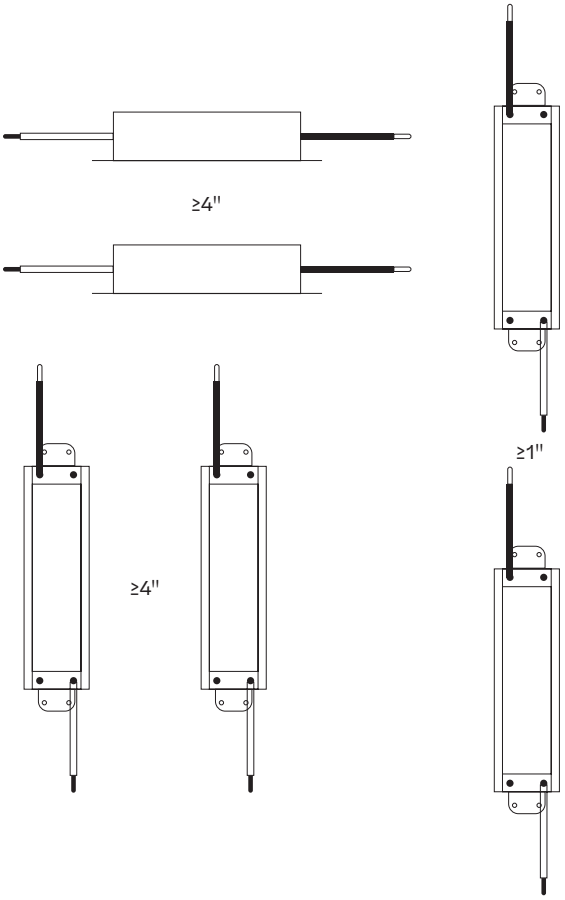
Spacing Between Power Supplies



- 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 +50° 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

principalsloan.com
325.227.4577
3490 Venture Dr., San Angelo, TX 76905

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