HanleyLED

SUPERIOR 180 W, 12 VDC POWER SUPPLY

Superior Series

Specifications

SKU H180W-SD-12

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

Performance

Input voltage ..... 100~277 VAC

Input current ..... 2.0A/110 VAC | 0.8A/277VAC

Input frequency ..... 50~60 Hz

Efficiency ..... ≤ 89%

Power factor ..... ≤.92%

Power input ..... 2.1 A max.

Output voltage ..... DC 12V ±2.5%

Output current ..... 5 A

Output power ..... 180 W

High performance superior power supply

UL Retrofit Kit Classified

Safety

Protective characteristics ..... Over-current/short-circuit/ over-voltage/over-temperature

Safety rating ..... IP68, Class 2

Dielectric Strength (Hi-Pot) .... I/P-O/P 3KVac/10mA/60S I/P-Case 1.8KVac/10mA/60S

Insulation Resistance 100MOhm Max/500Vdc/3S

Grounding Resistance ..... <0.1Ohm

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

Environmental

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

Storage temperature ..... -40°~+85° C

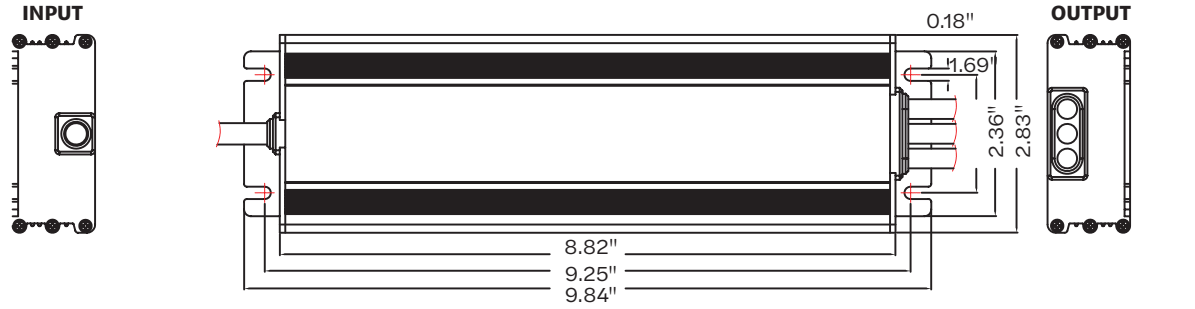
Relative humidity ..... 20~95% RH, non-cond.

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

E350828 · 301535 · E487794 · RoHS Compliant

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

Dimensions



SJTW 3x18#
Black "L"
White "N"
Green "E"

SJTW 2x18#
Black "-"
Red "+"

PRINCIPAL SLOAN *We Speak Sign Language*

Specifications subject to change without notice.

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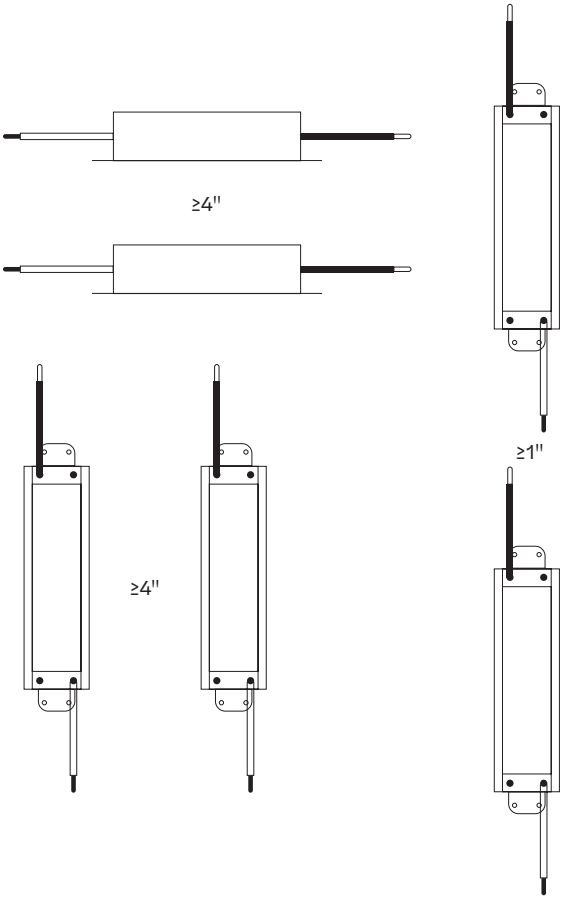
Spacing Between Power Supplies



- 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 +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.

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