

HanleyLED

SUPERIOR 240 W, 12 VDC POWER SUPPLY



Superior Series

Specifications

SKU H240W-SD-12
Warranty 7-year product/1 or 5-year limited labor*

Performance

Input voltage 100~277 VAC
Input current 1.0A/277VAC
Input frequency 50~60 Hz
Efficiency ≥92%
Power input 2.8 A/100VAC
Output voltage DC 12V ±3%
Output current 5 A x4
Output power 240 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 Max/500Vdc/3S
Grounding Resistance 100mOhm Max
EMC FCC part 15 class B

High performance superior power supply



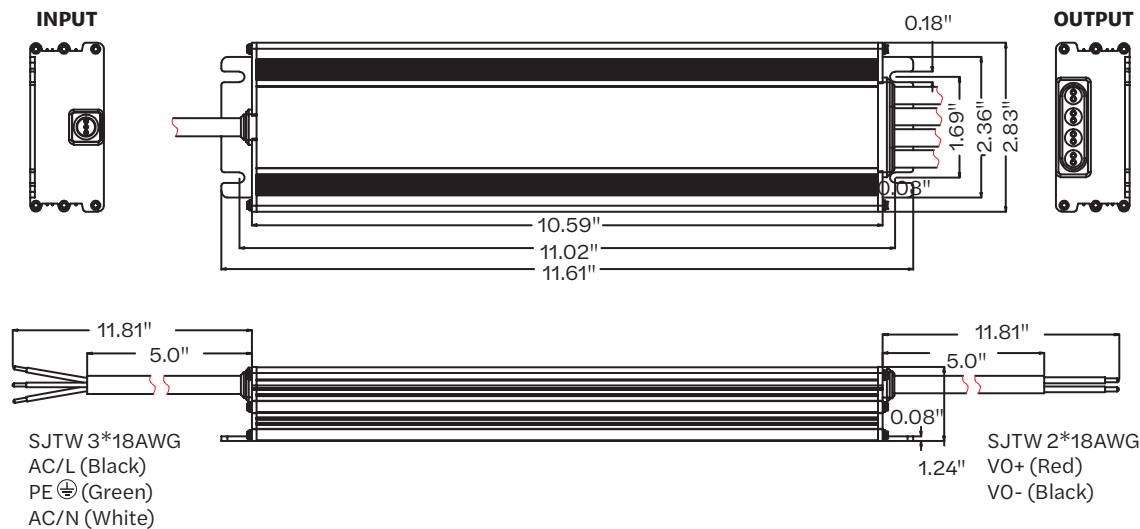
Environmental

Operating temperature -40°~+50° C
Storage temperature -40°~+80° C
Relative humidity 20~95% RH, non-cond.
Vibration 10 ~ 500HZ, 5G, 30 minutes
(for X, Y, Z each axis)



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

Dimensions



Specifications subject to change without notice.



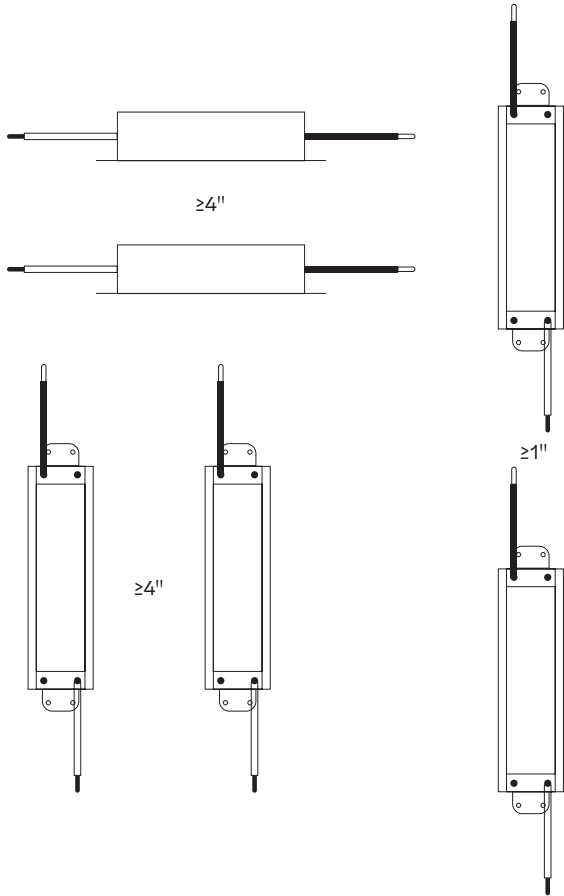
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Spacing Between Power Supplies



- 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 $+50^{\circ}\text{C}$.
- 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.