

HanleyLED

# EM 60 W, 12 VDC POWER SUPPLY

## Specifications

SKU.....H60W-PPSEM  
Warranty.....5-year product/1 or 2-year limited labor\*

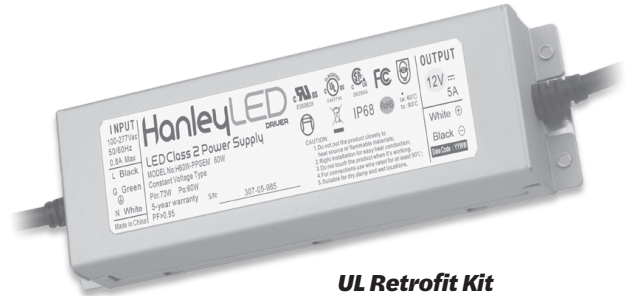
### Performance

Input voltage.....90~305 VAC  
Input current.....0.65/115 VAC | 0.3/277VAC  
Input frequency.....47~63 Hz  
Power input.....0.8 A max.  
Output voltage.....DC 12V ±5%  
Output current.....5 A  
Output power.....60 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.....100MΩ Max/500Vdc/3S  
Grounding Resistance.....100mΩ  
EMC.....FCC part 15 class B

**High performance premium  
power supply**



**UL Retrofit Kit  
Classified**

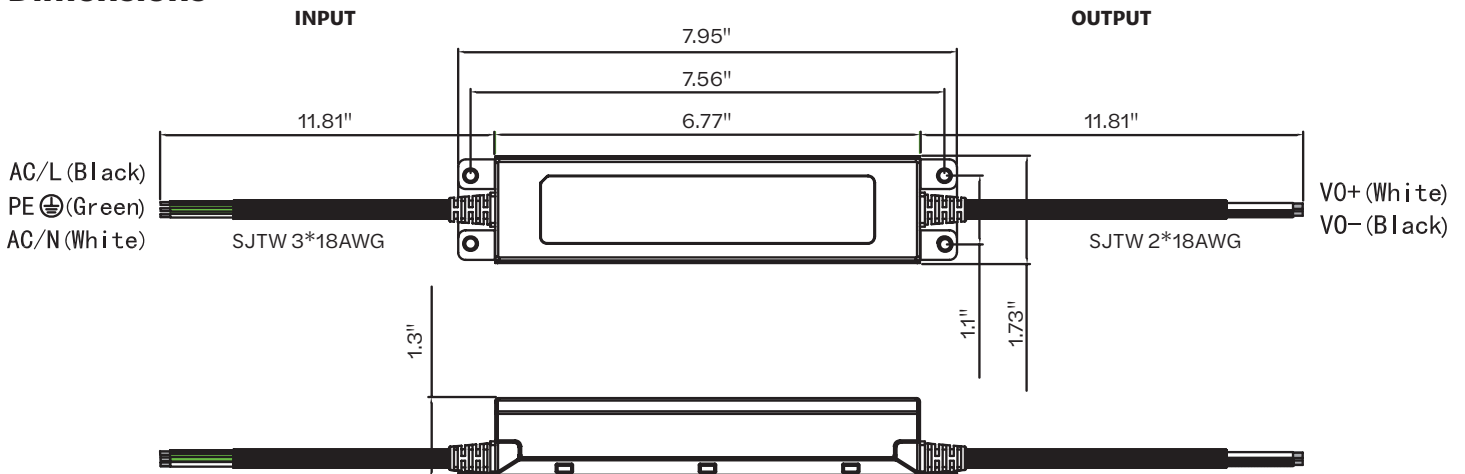
### Environmental

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)

\* 2-years limited labor if paired with HanleyLEDs.  
1-year limited labor with any other qualified LEDs.



## Dimensions



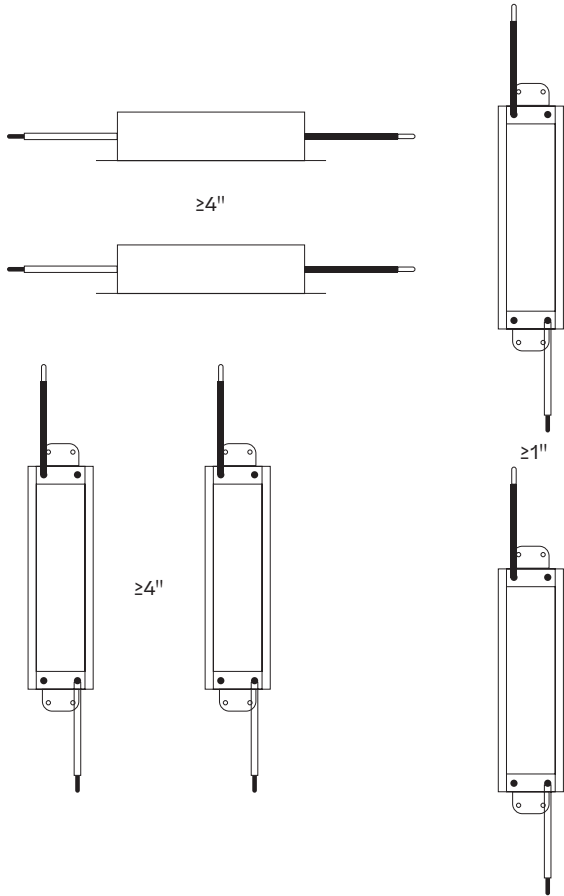
Specifications subject to change without notice.



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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 +60° 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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SLOAN** *We Speak  
Sign Language*