

SUPERIOR POWER SUPPLIES

CANADA ONLY



Superior Series

12VDC Specifications

Overview

SKU	H60W-PPS734712V (Canada only)	H240W-SD-12 (Canada only)
Warranty	10-year product/ 5-year limited labor	10-year product/ 5-year limited labor
Certifications	UL, CE, ENC, FCC	UL, CE, ENC, FCC

Performance

Input voltage	277~347VAC	100~277VAC
Input frequency	50~60 Hz	50~60 Hz
Input current	0.28A/277VAC 0.22A/347VAC	2.8 A/100VAC
Power factor	≥ 0.96 (277VAC)	≥ 0.96
Output voltage	DC 12V ±2.5%	DC 12V ±3%
Output current	5.0 A	5 A x4
Output power	60W	240W

Safety & Protection

Protective characteristics	Over-current/short-circuit/ over-voltage/ over-temperature	Over-current/short-circuit/ over-voltage/ over-temperature
IP rating	IP68	IP68

Environmental

UL environment suitability	Damp, dry, and wet	Damp, dry, and wet
Operating temperature	-40°~+60° C	-40°~+50° C
Storage temperature	-40°~+85° C	-40°~+85° C
Relative humidity	20~95% RH, non-cond.	20~95% RH, non-cond.

60W, 12VDC (277~347VAC)
Canada only



240W, 12VDC
Canada only



Specifications subject to change without notice.

SUPERIOR POWER SUPPLIES

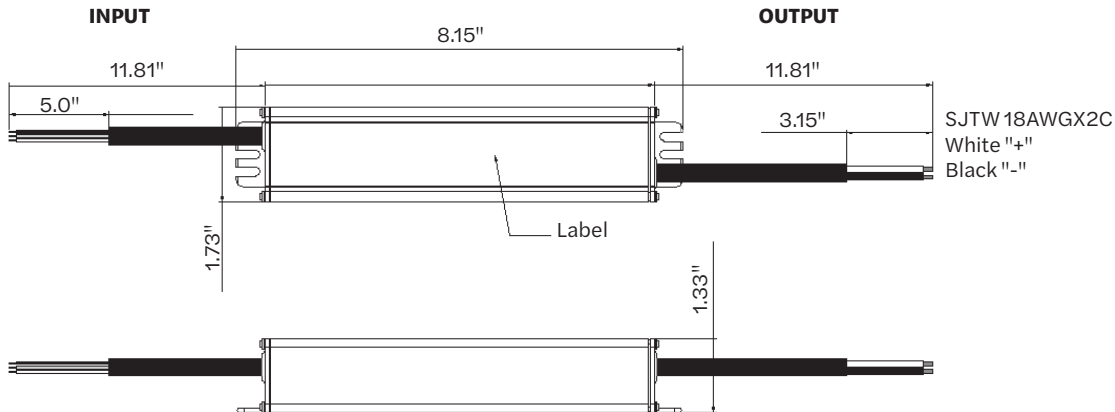
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Superior Series

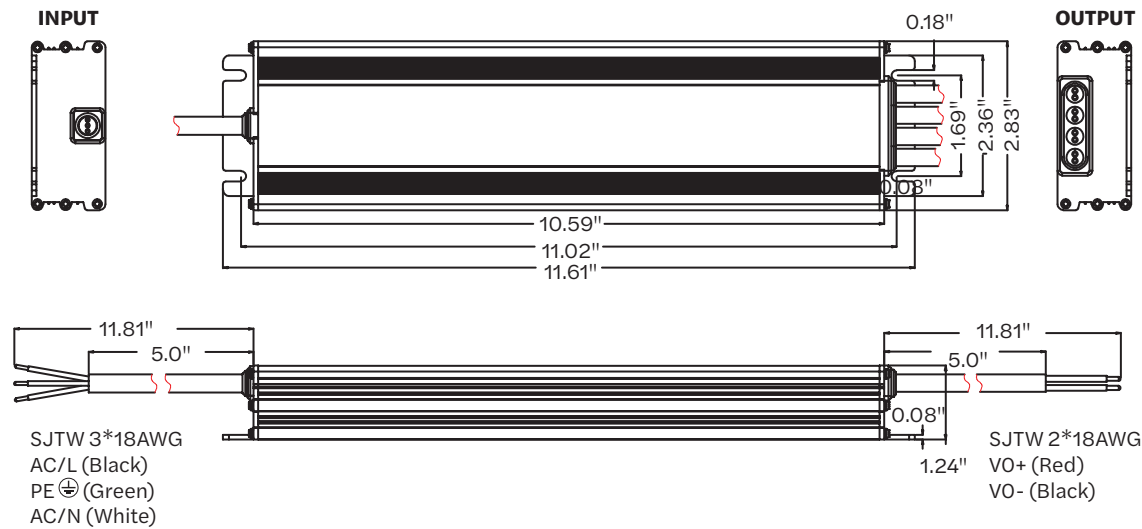
12VDC Dimensions

H60W-PPS734712V



SJTW 18AWGX3C
Black "L"
White "N"
Green "E"

H240W-SD-12



SUPERIOR POWER SUPPLIES



Superior Series

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24VDC Specifications

Current models

Overview

SKU	H100W-PPS734724 (Canada only)
Warranty	10-year product/ 5-year limited labor
Certifications	UL, CE, ENC, FCC

Performance

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

Safety & Protection

Protective characteristics	Over-current/short-circuit/ over-voltage/ over-temperature
IP rating	IP68

Environmental

UL environment suitability	Damp, dry, and wet
Operating temperature	-40°~+60° C
Storage temperature	-40°~+80° C
Relative humidity	10~95% RH, non-cond.

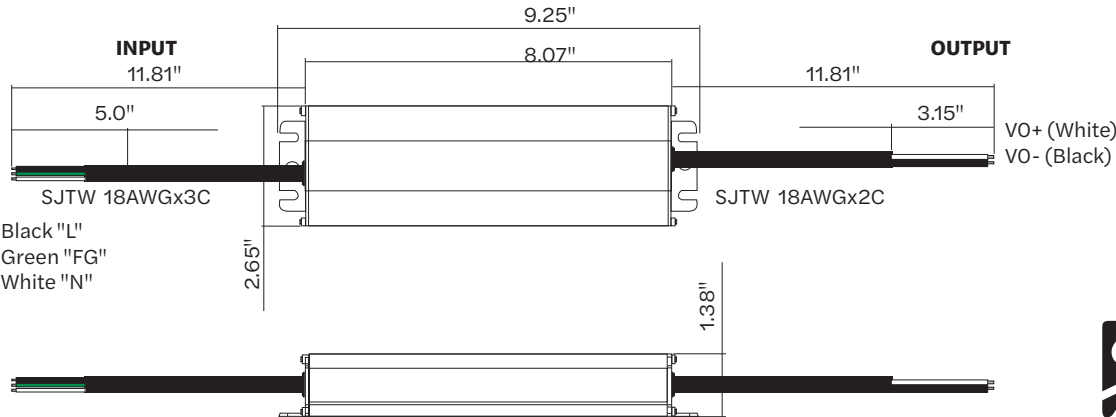
100W, 24VDC (277~347VAC)
Canada only



Specifications subject to change without notice.

24VDC Dimensions

H100W-PPS734724



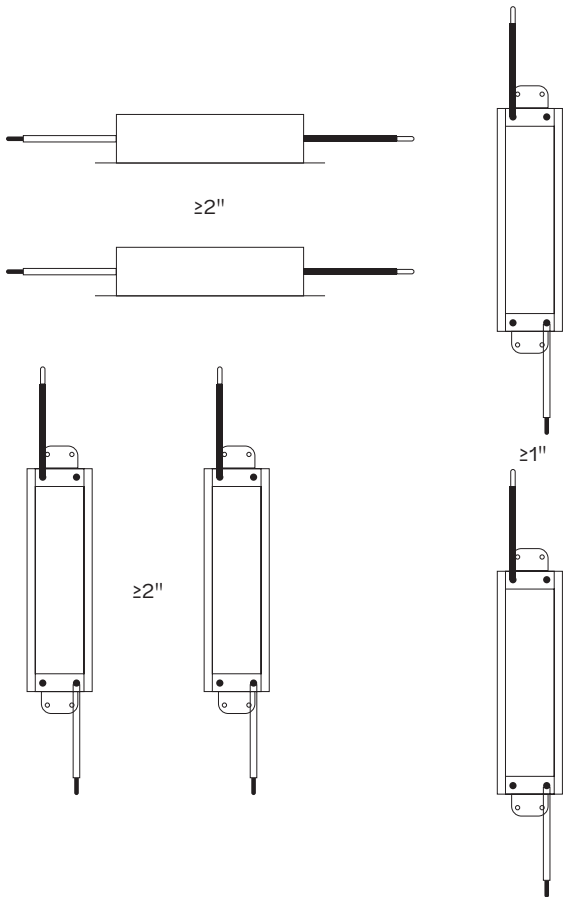
SUPERIOR POWER SUPPLIES

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Superior Series

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

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

