

Power Supplies

Specifications Guide

ACV-ACVN Series



Allanson

LED Power Supplies

Product Description

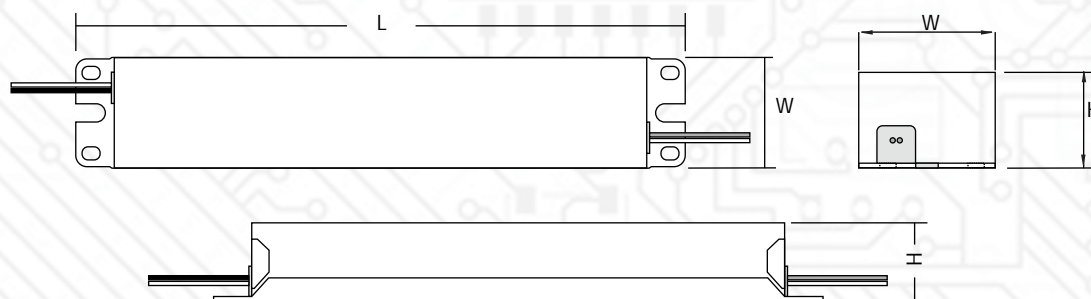
Allanson's ACVN and ACV series of fixed output voltage LED power supply comes with affordable and reliable features. Compatible with signage from any manufacturer. 12V major output voltage with 1,2, or 3 multi-channel selection for different lumen application. ACVN and ACV series meets North American safety certifications, and compliant with FCC Immunity/Emissions/Harmonic requirements. The products are designed and rigorously tested to work in various outdoor and indoor signage LED lighting conditions.

Product Features

- Constant voltage design
- Universal input voltage from 120-277 Vac
- Multi-channel output and independent operating
- Class 2 output
- Dry & damp location
- Operating temperature range -40°C to +55°C

Specifications Chart

Catalogue Number	Input Voltage	Input Current Amps	Output Volts DC	Output Current	Output Watts	Housing (inches)			Power Factor	Rating
						L	W	H		
ACVN125-120-277V	120-277	1.20A-0.70A	12	5.0	60	5.50	1.70	1.18	NPF	Dry & Damp
ACV125-120-277V	120-277	0.59A-0.26A	12	5.0	60	6.50	1.70	1.18	HPF	Dry & Damp
ACV2125-120-277V	120-277	1.15A-0.50A	12	2 x 5.0	120	11.75	1.70	1.18	HPF	Dry & Damp
ACV3125-120-277V	120-277	1.70A-0.75A	12	3 x 5.0	180	16.70	1.70	1.18	HPF	Dry & Damp



Wire Size Recommendation

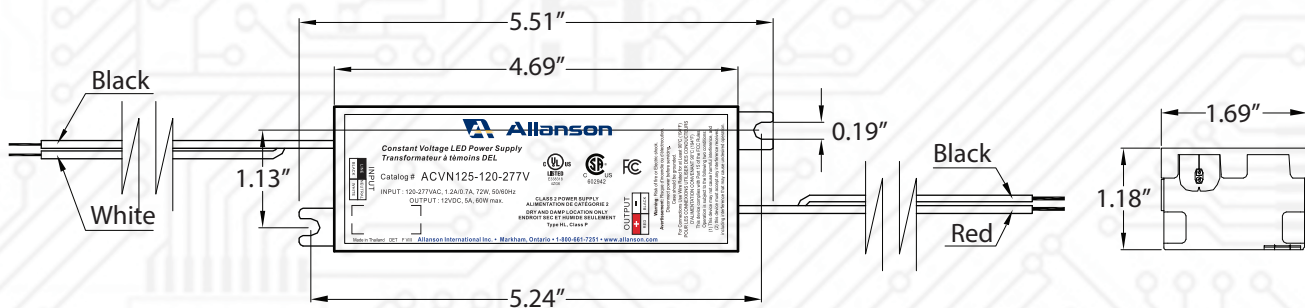
Recommended wire size from LED Module to Power Supply

Distance to Power Supply	Stranded Copper Wire Gauge	Expected Voltage Drop
13 Feet	16 AWG	5%
20 Feet	14 AWG	5%
30 Feet	12 AWG	5%

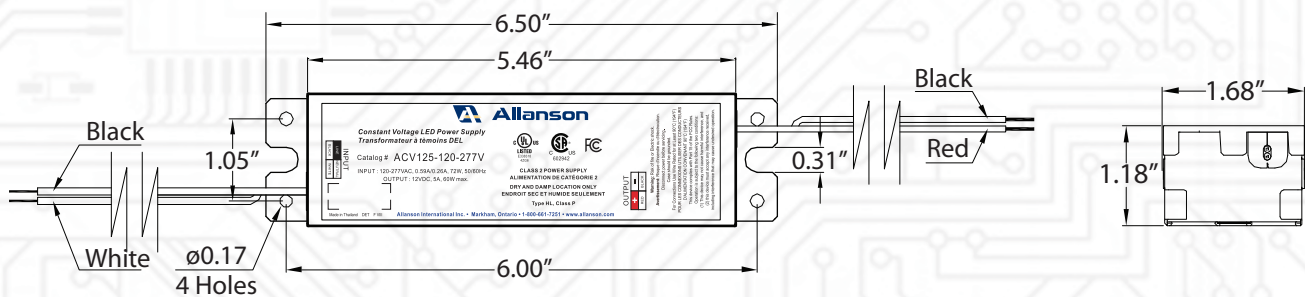
Product Dimensions

All dimensions are in inches. Drawings are not to scale.

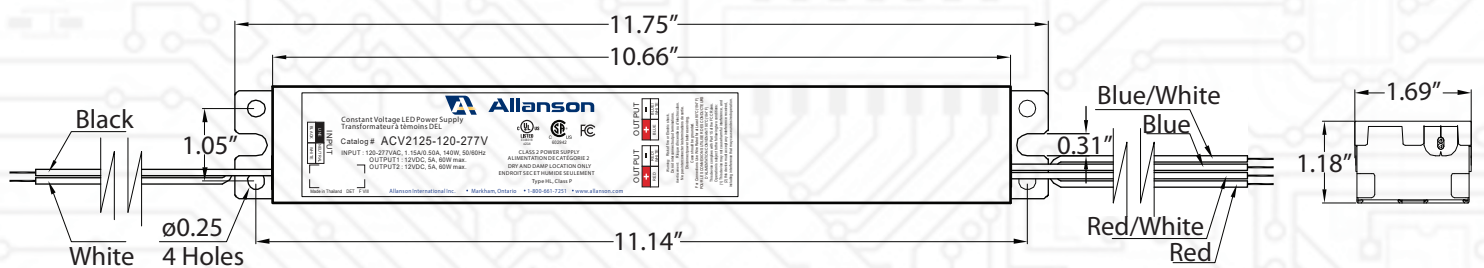
ACVN125-120-277V



ACV125-120-277V



ACV2125-120-277V



ACV3125-120-277V

