



Constant Voltage LED Power Supply- Class 2

CV244-347



Overview

Optimized for high-voltage systems, the Allanson CV244-347 Constant Voltage LED Power Supply delivers a reliable 24V DC output with 96W maximum power. Engineered for efficiency, it operates exclusively on 347V AC input while meeting UL Class 2, Class P, and CSA certifications for professional-grade compliance. With comprehensive circuit protection and an extended operating temperature range, this unit ensures consistent performance in both dry and damp environments.



Explore

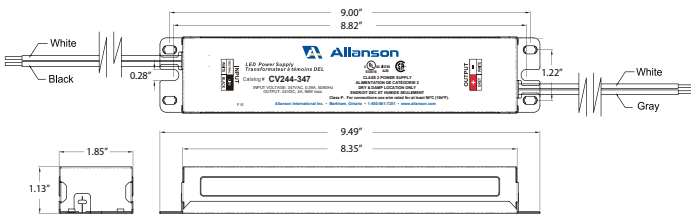


Where to Buy

Features

- Single- channel, constant voltage 24V DC output
- Input voltage: 347V AC
- UL Class 2, Class P, Type HL, CSA certified
- Built-in safeguards: over-voltage, over-current, short-circuit, and over-temperature
- Works with all 24V DC LED lighting products
- Safe for use in dry and damp environments
- 5-year warranty

Dimensions



Specifications

Part Number.....	CV244-347
Output Channel.....	1
Output Voltage.....	24V DC
Output Current.....	4.0A
Max. Output Power.....	96W
Input Voltage.....	347V AC
Input Frequency.....	50/60Hz
Power Factor.....	HPF >0.90 @347V
Max Input Current.....	0.39A
Efficiency at Full Load.....	88%
Safety Standard.....	UL8750, Class 2, Class P, Type HL,CSA
Protective Characteristics	Over- voltage / Over- current/ Short- circuit/ EMC.....
	Over- temperature
	FCC 47CFR Part 15 ANSI C63. 4:2009 Class A
Surge Protection.....	2.5kV for combination wave/ ring wave
UL Environmental Suitability....	Dry and damp locations
Operating Temperature.....	-40°C ~ 60°C / -40°F ~ 140°F
Storage Temperature.....	-40°C ~ 85°C / -40°F ~ 185°F
Relative Humidity.....	5% to 95% non- condensing
Net Weight.....	1.43lbs / 0.65kg
Dimensions (LxWxH).....	9.49" x 1.85" x 1.13"
	241.0mm x 46.9mm x 28.7mm
Warranty.....	5 Years

Installation & Operating Instructions

- Do not install with power connected or during an electrical disturbance.
- Ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral wire.
- Power supply operates at high temperatures. To avoid injury, do not touch while in use. Do not overload the power supply.
- Ensure the power supply position has sufficient airflow. Operating temperature must be within the temperature limit mentioned above.
- In the end application, the maximum case temperature (Tc) shall not be exceeded 90°C.
- All connection must be performed in accordance with NEC and local electrical codes.

